

HT  
1053

NUMBER 1.

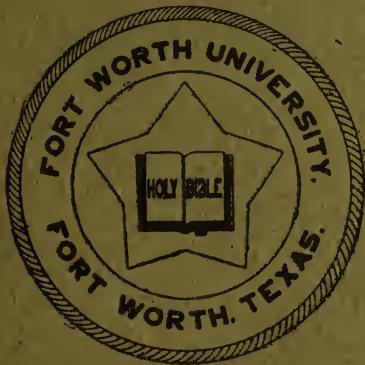
BULLETIN OF  
**Fort Worth**  
**University**

May, 1905

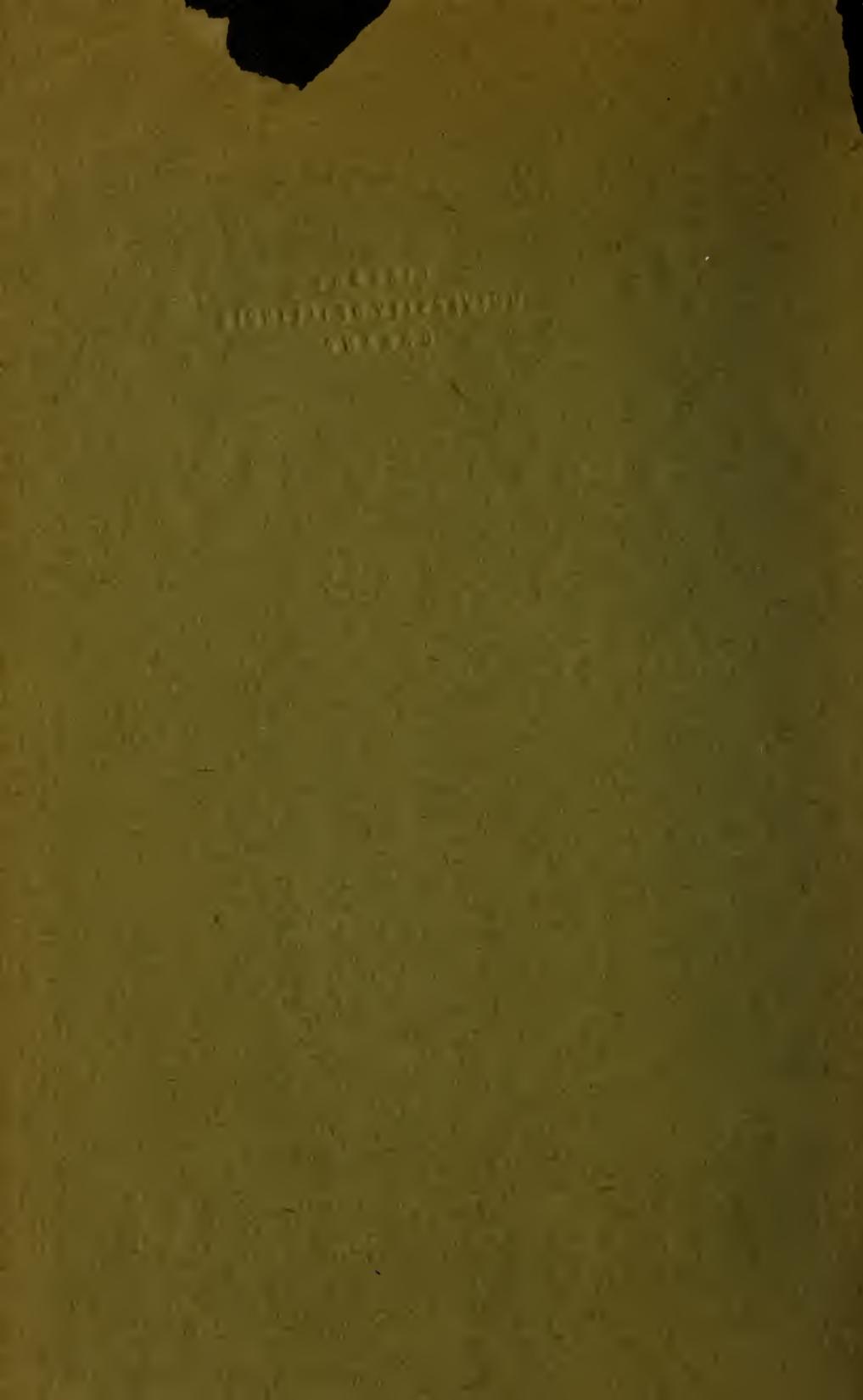
CATALOGUE



NUMBER



**FORT WORTH, TEXAS**





Digitized by the Internet Archive  
in 2013

<http://archive.org/details/catalogueoffortw19fort>

CADET HALL

SCIENCE HALL

UNIVERSITY HALL



Twenty-Fourth Catalogue

OF

Fort Worth University

1904-1905

And Announcements for

1905-1906

**FORT WORTH, TEXAS**

---

1905

FRANKLIN HUDSON PUBLISHING COMPANY,  
KANSAS CITY, Mo.

# **FORT WORTH UNIVERSITY**

**Embraces the Following Schools:**

---

**I. COLLEGE OF LIBERAL ARTS AND SCIENCES.**

1. CLASSICAL COURSE.
2. SCIENTIFIC COURSE.
3. LITERARY COURSE.
4. PHILOSOPHICAL COURSE.

**II. ACADEMY.**

**III. NORMAL COURSE.**

**IV. SCHOOL OF ARTS.**

1. MUSIC.
2. ELOCUTION AND ORATORY.
3. PHYSICAL CULTURE.
4. FINE ARTS.

**V. MILITARY SCHOOL.**

**VI. MEDICAL SCHOOL.**

**VII. LAW SCHOOL.**

**VIII. SCHOOL OF COMMERCE.**

## CONTENTS.

---

	PAGE
Calendar . . . . .	3
Trustees . . . . .	5
Graduates . . . . .	6
Faculties . . . . .	12
General Description of the University; Rules and Regulations . . . . .	15
College of Liberal Arts and Sciences . . . . .	31
The Academy . . . . .	45
Normal School . . . . .	53
Military School . . . . .	55
Conservatory of Music . . . . .	58
Department of Oratory and Elocution . . . . .	66
Physical Culture . . . . .	71
Fine Arts . . . . .	73
The Medical Department . . . . .	75
Law School . . . . .	106
School of Commerce . . . . .	109
Societies . . . . .	113
Students . . . . .	115
Summary . . . . .	124



## CALENDAR.

---

### FALL TERM, 1905.

September 12, Tuesday, 9:00 a. m.—Entrance Examinations and Enrollment.  
September 13, Wednesday, 9:00 a. m.—Recitations begin.  
September 29, Friday—Entrance Examinations of College of Medicine.  
October 2, Monday, 9:00 a. m.—Opening Exercises of College of Medicine.  
October 10, Tuesday, 7:30 p. m.—Entrance Examinations of College of Law.  
October 11, Wednesday, 7:30 p. m.—Recitations in College of Law begin.  
December 1, Friday, 4:15 p. m.—Fall Term ends.

---

### WINTER TERM, 1905-1906.

December 4, Monday, 9:00 a. m.—Entrance Examinations and Enrollment.  
December 5, Tuesday, 9:00 a. m.—Recitations begin.  
December 22, Friday, 4:15 p. m.—Christmas Recess begins.  
January 2, Tuesday, 9:00 a. m.—Recitations resumed.  
March 2, Friday, 4:15 p. m.—Winter Term closes.

---

### SPRING TERM, 1906.

March 5, Monday, 9:00 a. m.—Entrance Examinations and Enrollment.  
March 6, Tuesday, 9:00 a. m.—Recitations begin.  
April 6, Friday, 8:00 p. m.—Graduating Exercises of College of Medicine.  
May 18, Friday, 8:00 p. m.—Commencement Exercises of Business College.  
May 19, Saturday—Field Day.  
May 20, Sunday, 11:00 a. m.—Baccalaureate Sermon.  
May 20, Sunday, 8:00 p. m.—Anniversary of the Christian Associations.  
May 21, Monday—Public Examinations.  
May 21, Monday, 8:00 p. m.—Recital Departments of Music and Oratory.  
May 22, Tuesday—Public Examinations.  
May 22, Tuesday, 8:00 p. m.—Joint Open Session of the Literary Societies.  
May 23, Wednesday—Public Examinations.  
May 23, Wednesday, 2:00 p. m.—Exercises of the Academy.  
May 24, Thursday, 3:00 p. m.—Annual Meeting of the Board of Trustees.  
May 24, Thursday, 8:00 p. m.—Twenty-fourth Annual Commencement.  
May 24, Thursday, 10:00 p. m.—President's Reception.

## HISTORICAL.

---

Fort Worth University was chartered as the Texas Wesleyan College, June 6, 1881, under the laws of the State of Texas, and authorized to maintain the usual curricula and departments of a college, and to confer the corresponding degrees. The school was opened in temporary quarters in the midst of the city of Fort Worth, September 7, 1881. After five years of preparatory work, it was moved to its present Campus in the south part of the city, where generous friends had erected for its occupancy a commodious and substantial building of brick and stone.

At the annual meeting held in June, 1889, the Board of Trustees secured an amended charter, under the name of Fort Worth University, it being the intention of the founders to ultimately establish a school in this center of the Southwest, where any person could find instruction in any study; and pursue it as far and as long as he chooses.

The School of Law was organized under the new charter in August, 1893, and its first class met for work September 26th following.

The School of Medicine was organized under the University charter in July, 1894, and began work in the succeeding October, in temporary quarters provided for it on the Campus. In 1896 the Medical Faculty became possessed of a fine building at the corner of Rusk and Seventh streets. This was put in order, and equipped for the Medical School, which resumed work in its new quarters September 30, 1896.

The Institution belongs to the University Senate, and has courses which lead in the Arts and Sciences to A.B., B.S., Ph.B., B.Litt.; in professional courses, four years in Medicine, leading to the M.D.; three years in Law, leading to the LL.B. Her course in Oratory occupies three years, and in Music her course may be pursued for three years. Her Academic School has a four years' course, and admits to the Freshman year in the finest institutions in the country. Special courses are also arranged and provided for in Modern Languages, Science, Pedagogy. Post-graduate work may be done in Mathematics, Ancient Languages, Science and Philosophy.

## CORPORATION.

---

### TRUSTEES.

BISHOP CHARLES C. McCABE, D.D., LL.D.	Fort Worth
BISHOP LUTHER B. WILSON	Chattanooga, Tennessee
REV. W. P. THIRKIELD, A.M., D.D.	Cincinnati, Ohio
REV. GEORGE MACADAM, A.M., D.D.	Fort Worth
NOAH HARDING	Fort Worth
F. D. THOMPSON, M.D.	Fort Worth
GEORGE E. NIES	Fort Worth
REV. T. H. CORKILL	Denison, Texas
J. E. MITCHELL	Fort Worth
REV. J. F. BOEYE	Fort Worth
W. E. CONNELL	Fort Worth
W. G. TURNER	Fort Worth
D. T. BOMAR	Fort Worth

---

### OFFICERS OF THE BOARD.

NOAH HARDING	President
GEORGE E. NIES	Vice-President
J. E. MITCHELL	Secretary
GEORGE MACADAM	Treasurer

---

### EXECUTIVE COMMITTEE.

J. F. BOEYE,	D. T. BOMAR,	F. D. THOMPSON,
J. E. MITCHELL,		GEORGE MACADAM.

---

### OFFICIAL VISITORS.

#### Austin Conference.

REV. V. C. EVERE,	REV. O. E. OLANDER,	REV. J. M. JACKSON,
REV. G. P. FRY,		REV. O. F. LINDSTRUM.

#### Gulf Mission Conference.

To be elected.

#### Oklahoma Conference.

REV. A. N. CRAFT,	REV. R. L. NUCKOLLS.
-------------------	----------------------

#### New Mexico Mission.

DR. A. P. MORRISON,	REV. A. C. GEYER,	REV. C. B. DALTON.
---------------------	-------------------	--------------------

#### Arkansas Conference.

REV. W. R. NELSON,	REV. G. F. BROCK,	REV. H. H. TWYFORD
--------------------	-------------------	--------------------

## GRADUATES AND DEGREES.

1887.	ALVORD, NINA, M. L.	Palestine, Texas.
	EDRINGTON, WM. R., Ph.B.	Fort Worth, Texas.
1888.	FERGUSON, WM. P. F., A.B.	City of Mexico.
	SMITH, WM. L., Ph.B.	Denison, Texas.
1889.	Tomlinson, Lutie E., M.L.	Fort Worth, Texas.
1891.	*COOK, H. J., B.L.	Baird, Texas.
	ROUSE, GRACE, B.L.	Fort Worth, Texas.
1892.	EDGINGTON, JOHN E., A.B.	Sipe Springs, Texas.
	WILDER, JOEL M., A.B.	Sumpter, Ore.
1893.	HUMPHREY, CLIFTON, B.S.	Fort Worth, Texas.
1894.	BOEZINGER, BRUNO, A.B. (A.M., '97)	San Antonio, Texas.
1895.	COLLINS, TIP MARTIN, M.D.	Honey Grove, Texas.
	DUDLEY, NICHOLAS LEE, M.D.	Gage, Texas.
	JAMES, JOHN WILLIAM, M.D.	Rock Springs, Texas.
	JONES, THOMAS A., M.D.	Selfs, Texas.
	LORING, BENJAMIN F., M.D.	Stephenville, Texas.
	MINTON, ALVIN B., M.D.	Cape Girardeau, Mo.
	WARDLOW, WILLIAM N., M.D.	Pluto, Texas.
1896.	ARMENTROUT, LEONORA A., A.B.	Dallas, Texas.
*BALL, CORA LEE, MRS. ( <i>nee</i> Ayars), A.B.	Malange Angola, Africa.	
DULANEY, JOHN R., M.D.	Indian Territory.	
FISHER, JAY MCKEAN, A.B.	Denver, Col.	
GILLESPIE, WALTER EUGENE, M.D.	Kimball, Texas.	
HALE, WILLIAM, M.D.	Thorp Springs, Texas	
HIRSHFIELD, LOUIS, M.D.	Berlin, Germany.	
MOONEY, JESSE, M.D.	McGee, Texas.	
MURPHY, G. W., M.D.	Pella, Texas.	
RILEY, ROBERT SAYLES, M.D.	Garland, Texas.	
TAYLOR, JAMES ISAAC, M.D.	Elk, I. T.	
WILLIAMSON, JOHN CALVIN, M.D.	Honey Grove, Texas.	
WILSON, HARRY HUGH, M.D.	Avoca, O. T.	
1897.	BEAUCHAMP, FINIS D., M.D.	Aurora, Texas.
BOND, J. WALTER, M.D.	Luna, Texas.	
BOUNDS, ROBERT WILEY, M.D.	Renner, Texas.	
CALLAWAY, JAMES R., M.D.	Elmore, I. T.	
CARSON, OLUFF F., M.D.	Birdville, Texas.	
CRUDGINGTON, WILLIAM B., M.D.	Archer City, Texas.	
EMERY, FRANCES DAISY, M.D.	Washington, D. C.	
FRENCH, JAMES D., M.D.	Baum, Texas.	
JACK, CLYDE A., LL.B.	Fort Worth, Texas.	
MAHAR, CHARLES H., M.D.	Pocahontas, I. T.	

\* Deceased.

## GRADUATES AND DEGREES—Continued.

McCALL, ARCHIBALD C., LL.B.	Chickasha, I. T.
MORTON, GOODRIDGE V., M.D.	Fort Worth, Texas.
MORRIS, WHITMORE, LL.B.	Fort Worth, Texas.
OWENS, SAMUEL ADAMS, M.D.	Walla Walla, Wash.
RIDGWAY, THOMAS W., LL.B.	Fort Worth, Texas.
SHI, THOMAS PATTERSON, M.D.	McGee, Texas.
SYDNOR, TILLMAN W., LL.B.	Fort Worth, Texas.
THOMPSON, GEORGE BYRON, B.S.	Kansas City, Mo.
1898. ALLISON, JOE ALEX., M.D.	Alto, Texas.
ALLEN, JAMES WALTER, M.D.	Azle, Texas.
ABELE, HENRY J., M.D.	Fort Worth, Texas.
DAVIS, OSCAR, M.D.	Cistern, Texas.
EDGAR, CHAS. LESLIE, M.D.	Richland, Texas.
FISHER, EUGENE M., M.D.	Gainesville, Texas.
HALSELL, JNO. T., M.D.	Manila, Philippine Islands.
JONES, J. ALFRED, M.D.	Palmer, Texas.
JONES, R. PERRY, M.D.	Midgett, Texas.
KIBBIE, KENT V., B.S., M.D.	Fort Worth, Texas.
LEE, EDWARD ASBERRY, M.D.	Aspermont, Texas.
LEEDS, ALEX. B., A.B. (M.D., 1902).	Fort Worth, Texas.
MEHL, GEORGE P., M.D.	Anderson, Texas.
MACMILLAN, WILLIAM D., A.B.	Fort Worth, Texas.
MICHIE, JOSEPH DAVID, M.D.	Terrell, Texas.
MILLER, ROBERT E. LEE, M.D.	Fort Worth, Texas.
MONDRICK, ALBERT LUDWIG, M.D.	Buckholts, Texas.
*OGDEN, CHARLES F., A.B.	Fort Worth, Texas.
REED, GUY, M.D.	Fort Worth, Texas.
SIMS, C. C., M.D.	Marshall, Texas.
SHI, AUGUSTIN HENRY, M.D.	McGee, I. T.
UNDERHILL, WILLIAM W., M.D.	St. Louis, Mo.
WITHERS, IKE A., M.D.	Fort Worth, Texas.
1899. BROWN, W. O., M.D.	Breckenridge, Texas.
BUCK, R. H., LL.B.	Fort Worth, Texas.
BURCH, A. J., M.D.	Woodbine, Texas.
BUSTER, A. O., M.D.	Pilot Point, Texas.
CARR, A. B., M.D.	Lingleville, Texas.
FULLINGIM, M. D., M.D.	Decatur, Texas.
GREGORY, J. W., M.D.	Lafayette, Texas.
HALL, E. P., M.D.	Fort Worth, Texas.
HANNA, J. J., M.D.	Lingleville, Texas.
LEACHE, H. F., M.D.	Jacksboro, Texas.

Deceased.

## GRADUATES AND DEGREES—Continued.

McCoy, John W., M.D.	Arthur, I. T.
McGown, Harry, LL.B.	Fort Worth, Texas.
McGinnis, G. E., LL.B.	Marfa, Texas.
McLean, J. H., M.D.	Fort Worth, Texas.
Morton, W. O., LL.B.	Fort Worth, Texas.
Peters, Otto K., M.D.	Jena, Germany.
Sanger, Paul, M.D.	Yukon, O. T.
Short, Wm. M., LL.B.	Fort Worth, Texas.
Stanley, Bert, LL.B.	Fort Worth, Texas.
Steere, George W., A.B.	Fort Worth, Texas.
Storer, W., LL.B.	Fort Worth, Texas.
Taylor, C. J., LL.B.	Fort Worth, Texas.
Terry, W. H., M.D.	Colfax, Texas.
Wilkins, T. O., M.D.	Ferris, Texas.
Wilson, Kate, M.D.	Plano, Texas.
Wilton, G. C., M.D.	Ryan, I. T.
Yates, Emma H., M.D.	Weser, Texas.
1900.	
Allen, Frank W., M.D.	Fort Worth, Texas.
Barber, Lyman A., M.D.	Fort Worth, Texas.
Bennett, J. Carroll, M.D.	Coppell, Texas.
Bennett, W. R., M.D.	Denton, Texas.
Byers, Gertrude, A.B.	Fort Worth, Texas.
Chilton, W. Ernest, M.D.	Fort Worth, Texas.
Clark, Hines, Jr., M.D.	Eolian, Texas.
Cooper, John M., M.D.	Fort Worth, Texas.
Crabill, Rufus J., M.D.	South McAlester, I. T.
Crume, J. J., M.D.	Clio, Texas.
Eads, Jesse Wright, M.D.	Foster, I. T.
Edgar, James Harvey, M.D.	Richland, Texas.
Finney, J. Melville, M.D.	Fort Worth, Texas.
Fry, Harry Tilden, M.D.	Willis Point, Texas.
Gammill, J. Leonidas, M.D.	Stony, Texas.
Gant, Charles B., M.D.	Graham, Texas.
Lynch, T. Parvine, M.D.	Sulphur Springs, Texas.
Miller, John T., M.D.	Roland, Texas.
Morihira, Kentaro, M.D.	Tokushimaken, Japan.
Reeve, W. T., M.D.	Fischer Store, Texas.
Roberts, George M., M.D.	Lingleville, Texas.
Sanger, Steve S., M.D.	Yukon, O. T.
Smith, Wilmot T., A.B.	Blanket, Texas.
Sparks, John C., M.D.	Poolville, Texas.
Templin, Oscar E., A.B.	Chickasha, I. T.

## GRADUATES AND DEGREES—Continued.

TRIPLET, H. F., B.S., M.S.	Beaumont, Texas.
WALKER, WADE HAMPTON, M.D.	Wichita Falls, Texas.
WILEY, GEORGE WOODY, M.D.	Eldorado, O. T.
1901. ALLEN, J. H., M.D.	Greenwood, Texas.
BEALL, K. H., M.D.	Fort Worth, Texas.
BELT, M. D., M.D.	Brownsville, I. T.
BISHOP, M. L., M.D.	Cleburne, Texas.
BOWDEN, A. MACK, M. D.	Holder, Texas.
CARRICK, M. M., M.D.	Dallas, Texas.
COPELAND, H. V., M.D.	Arlington, Texas.
DUNLAP, R. W., M.D.	Fort Worth, Texas.
ELLIS, J. W., M.D.	Okalla, Texas.
GILBERT, E. B., M.D.	Carbon, Texas.
GLASS, J. M., M.D.	Fort Worth, Texas.
HARBISON, J. E., M.D.	Harrold, Texas.
HARRIS, T. M., M.D.	Ponder, Texas.
HEDRICK, J. A., M.D.	Canyon City, Texas.
JONES, M. A., M.D.	Dublin, Texas.
KELLEY, W. N., M.D.	Valley View, Texas.
LANGSTON, L. A., M.D.	Ross, Texas.
LOVING, R. S., M.D.	Fort Worth, Texas
MAXFIELD, J. R., M.D.	Van, Texas.
MONTGOMERY, S. K., M.D.	Ryan, I. T.
MCQUOWN, H., M.D.	Fort Worth, Texas.
PETTY, S. J., M.D.	Breckenridge, Texas.
POWELL, J. N., M.D.	Troy, I. T.
PRICE, F. O., M.D.	Henrietta, Texas.
ROBERTS, S. A., M.D.	Pursley, Texas.
SMITH, MRS. MABEL I. ( <i>nee</i> Humphrey), A.B.	Blanket, Texas.
SWEARINGIN, D. D., M.D.	Newport, Texas.
TRAWEEK, A. C., M.D.	Matador, Texas.
1902. ALDRIDGE, J. W., M.D.	Grandview, Texas.
ALLISON, G. T., M.D.	Huckabay, Texas.
BARNES, H. D., M.D.	Tulia, Texas.
BREWER, C. P., M.D.	Fort Worth, Texas.
BROWN, MYRTLE, B.S.	Bowie, Texas.
CALLAWAY, MARY A., M.D.	Boise, Idaho.
COPELAND, J. A., M.D.	Huckabay, Texas.
COUSINS, R. D., M.D.	Swanville, Texas.
COX, J. FRANK, A. B.	Blanket, Texas.
EDWARDS, KATE Q., M.D.	Fort Worth, Texas.
FULLINGTON, W. A., M.D.	Denison, Texas.
KELLY, JOHN A., M.D.	Fort Worth, Texas.

## GRADUATES AND DEGREES—Continued.

MATLOCK, JOHN W., M.D.	Milburn, Texas.
McCAMANT, T. J., M.D.	Aspermont, Texas.
REGER, HOWARD J., M.D.	Fort Worth, Texas.
SPEARS, C. G., M.D.	Arthur, I. T.
SPEARS, W. S., M.D.	Arthur, I. T.
STOCKING, FRED F., A.B.	Clarendon, Texas.
WATSON, D. A., M.D.	Sequin, Texas.
1903. BEELER, C. A., M.D.	Indian Territory.
BRICE, J. H., M.D.	Texas.
CLIFTON, BERT P., A.B.	Fort Worth, Texas.
CRANFILL, L. J., M.D.	Indian Territory.
ELDREDGE, H. A., M.D.	Texas.
FREEMAN, E. J., B.S.	Segar, O. T.
ROUNDS, WM., M.D.	Fort Worth, Texas.
SMITH, ROY L., A.B.	Blanket, Texas.
1904. ALFORD, ABNER A., M.D.	New Hope, Ark.
CHANDLER, RICHARD E., A.B.	Fort Worth, Texas.
DICE, REUBEN J., M.D.	Beanavane, Texas.
EDWARDS, ARTHUR J., M.D.	Fort Worth, Texas.
MILLER, FRANK A., M.D.	Hartshorn, I. T.
MULLENIX, ANDREW J., M.D.	Fort Worth, Texas.
NEEL, NEY, M.D.	Mangum, O. T.
NIFONG, HARRY D., M.D.	Fort Worth, Texas.
ROBBIE, MARY RING, MRS., M.D.	San Antonio, Texas.
TRIGG, HENRY B., M.D.	Fort Worth, Texas.
1905. BALLARD, ARTHUR E., M.D.	Milo, I. T.
BALLARD, CHAS. B., M.D.	Graham, I. T.
BEAUMONT, EDGAR C., M.D.	Coleman, Texas.
BLUME, EARNEST, M.D.	Gayle, La.
BOND, ANDREW R., M.D.	Fort Worth, Texas.
BRANNAN, HARVEY O., M.D.	Fort Worth, Texas.
COX, MRS. J. F., Ph.B.	Blanket, Texas.
DONNELL, CHAS. E., M.D.	Silverton, Texas.
DYE, EVERETTE L., M.D.	Plainview, Texas.
EARGLE, HENRY C., M.D.	Proctor, Texas.
GILLESPIE, FRANCES ELMA, A.B.	Fort Worth, Texas.
HOLLAND, JOHN L., M.D.	Hood, Texas.
JACKSON, JOHN M., Ph.B.	Denton, Texas.
LUNDBERG, FRANK A., A.B.	Fort Worth, Texas.
McCLENDON, GEO. F., M.D.	Matador, Texas.
McDANIEL, HORACE M., M.D.	May, Texas.
MEHARG, JAS. O., M.D.	Waxahachie, Texas.

## GRADUATES AND DEGREES—Continued.

ORY, CHAS. W., M.D.	Indianapolis, Ind.
PARR, ANDREW B., M.D.	Tulia, Texas.
ROCHELLE, ROBERT E. LEE, M.D.	Hastings, O. T.
RUSH, HENRY C., M.D.	DeLeon, Texas.
SAUNDERS, ROY F., M.D.	Fort Worth, Texas.
SHEPARD, OSCAR H., M.D.	Alvord, Texas.
SMITH, ARTHUR A., M.D.	Goree, Texas.
TADLOCK, MARVIN E., M.D.	Chico, Texas.

## HONORARY DEGREES.

1887.	REV. A. H. TUCKER, D.D.	Parsons, Kas.
1888.	REV. C. C. MCLEAN, A.M.	Galena, Ill.
	REV. JAMES SHAW, D.D.	Bloomington, Ill.
	REV. GEORGE WHITTAKER, D.D.	Marshall, Texas.
1889.	REV. CHARLES B. BESSE, D.D.	Little Rock, Ark.
	REV. S. A. HEILNER, A.M., D.D.	Philadelphia, Pa.
	JOHN GILLESPIE, M.D., A.M.	Philadelphia, Pa.
1890.	REV. CHAS. W. GULLETTE, D.D.	Springfield, O.
	REV. D. L. RADER, D.D.	St. Paul, Minn.
1891.	REV. J. R. T. GRAY, A.M., D.D.	Philadelphia, Pa.
1892.	REV. J. J. PETERS, A.M., B.D., D.D.	Cincinnati, O.
1894.	*H. B. CHAMERLIN, Ph.D.	London, England.
1895.	REV. A. B. MORRISON, D.D.	Los Angeles, Cal.
1896.	REV. GEO. K. HOOVER, B.D., D.D.	Chicago, Ill.
1898.	REV. J. W. SAYERS, D.D.	Chester, Pa.
	REV. GEO. MACADAM, A.M., D.D.	Chicago, Ill.
1900.	REV. HENRY A. BARTON, D.D.	Grand Island, Neb.
	ROBERT H. BEGGS, B.S., M.S.	Denver, Col.
	REV. JAMES A. JOHNSON, D.D.	Omaha, Neb.
	REV. WM. A. KNIGHTEN, D.D.	Los Angeles, Cal.
1901.	REV. JACOB P. MILLER, D.D.	Bridesburg, Pa.

---

## FACULTIES.

---

GEORGE MACADAM, A.M., D.D.,  
President of the University.

---

Instructor in Instrumental Music.

JAMES ANDERSON, M.D.,  
Professor of Principles and Practice of Medicine and Clinical Medicine.

LYMAN A. BARBER, M.D.,  
Assistant Demonstrator of Anatomy.

JOHN W. BEACH, A.B.,  
Professor of Ancient Languages.

ELIAS J. BEALL, M.D.,  
Emeritus Professor of Principles and Practice of Surgery and Clinical  
Surgery.

W. EUGENE BEARDSLEY, A.B.,  
Professor of Modern Languages.

---

Violin, Mandolin, and Guitar.

C. ROSS BOWLIN,  
Instructor in Law.

FRANK D. BOYD, M.D.,  
Lecturer on Hygiene and Physical Diagnosis.

R. H. BUCK, LL.B.,  
Instructor in Law.

EDGAR DOAK CAPPS, M.D.,  
Professor of Physiology and Diseases of the Brain and Nervous System.

RUFUS CHAMBERS, M.D.,  
Lecturer on Minor Surgery and Bandaging.

IRA CARLETON CHASE, A.M., M.D.,  
Professor of Anatomy, and Secretary of Faculty in Medical Department.

W. ERNEST CHILTON, M.D.,  
Demonstrator of Anatomy.

ALICE C. CONKLING,  
Professor of English.

WILLIS G. COOK, B.S., M.D.,  
Demonstrator of Chemistry.

JOHN D. COVERT, M.D.,  
Demonstrator of Histology, Pathology, and Bacteriology.

WILLIAM A. DURINGER, M. D.,  
Professor of Genito-Urinary and Rectal Diseases.

## FACULTIES—Continued.

JULIAN T. FIELD, M.D.,

Professor of Obstetrics and Clinical Gynecology and President of the Faculty of the Medical Department.

GUY G. FRARY, B.S.,

Professor of Science.

MARTHA GALLOWAY,

Instructor in Physical Culture.

M. E. GILMORE, M.D.,

Lecturer on Materia Medica.

ROBERT B. GRAMMER, M.D.,

Professor of Diseases of Children.

FRANK GRAY, M.D.,

Professor of Diseases of the Eye, Ear, Nose, and Throat.

CLAUDE O. HARPER, M.D.,

Lecturer on Physiology.

---

Instructor in Bookkeeping, Arithmetic, Commercial Law, Spelling, and English.

W. W. HEATHCOTE, M.A.,

Professor of Oratory.

N. B. HELLER, B.S.,

Professor of Mathematics, and Secretary of the Faculty.

WILLIAM R. HOWARD, A.B., M.D.,

Professor of Histology, Pathology, and Bacteriology.

JOHN A. KELLY, M.D.,

Assistant Lecturer on Physiology.

O. S. LATTIMORE, A.B.,

Dean of the Law Department.

JEANNETTE LEWIS, A.M.,

Professor of History.

CHRISTINA MACLEAN,

Instructor in Fine Arts.

J. H. McLEAN, M.D.,

Assistant Demonstrator of Anatomy.

R. F. MOORE,

Instructor in Penmanship, Arithmetic, Correspondence, and Bookkeeping.

**FACULTIES—Continued.**

GOODRIDGE V. MORTON, A.B., M.D.,  
Assistant of the Chair of Obstetrics.

---

Instructor of Vocal Music.

F. P. PREUITT,  
Principal of School of Commerce.

PEARL PREUITT,  
Teacher of Shorthand and Correspondence in the Commercial School.

W.M. ROUNDS, M.D.,  
Assistant Demonstrator Histology, Pathology, Bacteriology, and Lecturer  
on Clinical Medicine.

BACON SAUNDERS, M.D.,  
Professor of Surgery, and Dean of the Medical Department.

ERNEST L. STEPHENS, M.D.,  
Professor of Materia Medica and Therapeutics, and Lecturer on Clinical  
Medicine.

LEONIDAS A. SUGGS, M.D.,  
Lecturer on Histology.

M. L. TALBOT, M.D.,  
Lecturer on Materia Medica and Pharmacy.

FRANK D. THOMPSON, M.D.,  
Professor of Gynecology and Surgical Diseases of Women.

WILLIAM R. THOMPSON, M.D.,  
Professor of Anatomy, and Clinical Lecturer on Eye, Ear, Nose, and  
Throat.

AMOS CLARK WALKER, M.D.,  
Professor of Clinical Surgery.

GEORGE T. WEST,  
Lecturer on Medical Jurisprudence.

WILLIAM BEVERLY WEST, M.D.,  
Professor of Dermatology and Syphilology.

MRS. W. E. BEARDSLEY,  
Instructor in Normal Course and Pedagogy.

CAPT. J. F. COX, A.B.,  
Instructor in Political Sciences and Commandant.

HATTIE RUTH COLLINS,  
Tutor in Ancient Languages.

MRS. JESSIE FITCH COX,  
Seventh Grade and Sub-Academic.

## FORT WORTH UNIVERSITY.

### LOCATION.

Fort Worth University is located at Fort Worth, Texas, a thriving city of 46,200 inhabitants. Fort Worth is noted for its beautiful and healthful location on a table land, on the south bank of the Trinity River, and is central to this great State. It has abundance of artesian wells, which afford a good supply of the purest water. The city has seventeen lines of railroad, making it easy of access from all points. The surrounding country is unusually free from all causes of malaria, while the city itself, with its macadamized streets and perfect sewer system, is unusually free from epidemics and all contagious diseases. The general elevation being high, the temperature in summer rarely rises above 100 degrees, yet in winter it seldom falls to 20 degrees above zero.

### COLLEGE OF LIBERAL ARTS AND SCIENCES.

#### General Information.

##### Access.

The buildings are situated on the south side of the city. The electric cars pass the Campus every ten minutes from 6 A. M. to 11:30 P. M. These run south on Houston Street and are marked "City Belt." Pupils coming to the institution for the first time will be met at the railroad station if timely notification has been given.

##### Grounds and Buildings

The University campus embraces an area of ten acres in the resident part of the city. The campus affords ample room for baseball, football, croquet, lawn tennis, and other outdoor sports. High elevation insures pure air, and the extensive grounds place the buildings beyond the annoyance of dust.

Four buildings have been erected on the campus—University Hall, Cadet Hall, Science Hall, and the Dining Hall. These are plainly and solidly built; are commodious and well planned for their

intended uses. An elegant and modern Ladies' Hall is now in process of erection, and it is believed this will be ready for occupants by the beginning of the coming school year.

University Hall is eighty-five feet front, eighty-four feet deep, and three stories high. On the first floor are the chapel, study hall, President's office, recitation and toilet rooms. On the second floor are the reception rooms, class rooms, Conservatories of Music and Oratory, the Business College, library, reading-room, and art studio. On the third floor are practice-rooms and hall for societies. The building is well arranged for ventilation, and all sanitary conditions are good. Adequate fire-escapes are provided for the perfect security of the inmates of the building.

Cadet Hall is devoted to the use of the young men only. Corridors run the entire length of the building on each floor, with fire-escapes at each end. The cadets are subject to military discipline.

Science Hall is provided with a museum, chemical, physical, and biological laboratories of exceptionally full equipment. In Science Hall is also located the Gymnasium, well equipped and including hot and cold water baths. Fire-escapes also insure safety to the occupants of this building. The University has its own artesian well, carrying abundance of pure water into all the buildings.

The Ladies' Hall to be erected this summer will be a brick and stone structure, capable of accommodating about 100 ladies, and will be thoroughly modern in all its appointments. The building will be steam-heated and will have baths on every floor. This building will also, it is needless to say, be amply protected by fire-escapes.

The Dining Hall has dining-room, serving-room, and kitchen on the lower floor, and dormitories above. The dining-room seats one hundred and fifty persons.

### Residence

Students, upon the request of their parents or guardians, are permitted to select their places of rooming and boarding, subject to the approval of the President.

Those who occupy rooms in the halls of the Campus are expected to conform to such regulations as may be necessary to secure the quiet

and order of a well-regulated home. They do not leave the grounds without permission from the President or Preceptress.

The University is so located that it may be absolutely non-sectarian, while it is Christian and positively moral. Within easy walking distance are splendid Baptist, Congregational, Methodist, Episcopalian, Presbyterian, Cumberland Presbyterian, and Christian churches. It is demanded that by the third Sunday of the session each resident student shall have selected a church which he or she shall attend for the year. Unless good reasons for the contrary are presented and the consent of parents secured, it should be the religious denomination which was attended at home, and every encouragement is given the students to identify themselves with its life and work as far as practicable.

Attendance upon chapel every school day and upon the chosen place of worship every Sunday morning is demanded. Each Sunday opportunity will be given for students and teachers to engage together in a careful study of the English Bible, Church History, or some kindred subject. The various religious societies will also have their services. On Sundays a Vesper Service is held at 5 o'clock.

The boarding department furnishes an abundant supply of good, wholesome food, well cooked and served, with consideration of what is best suited for each season. Members of the Faculty sit at table with the students, and the meals are conducted as in well-ordered and refined homes.

The rooms are large, pleasant, and well ventilated. They are furnished with bedstead, mattress, washstand, crockery, table and chairs, and, in University Hall, with dresser and carpets. They are warmed, lighted, and provided with such janitor service as is found necessary. Students furnish pillows, bed linen and covering, toilet articles, table napkins and ring. All articles must be marked with the owner's name.

Private families who let rooms to students are expected to co-operate with the Faculty in securing conformity to the regulations of the University.

### Advice to Parents.

Parents and guardians are advised and requested not to furnish young students with too liberal a supply of spending money, nor to encourage an inordinate fondness for expensive clothing. These militate against the pupil's best progress in his legitimate work.

Parents may deposit with the treasurer money designed to meet the student's incidental expenses, etc. A statement will be furnished the parent when this deposit is exhausted. The school cannot advance money to pay the expenses of pupils going home.

Pupils should not, unless for exceptional reasons, leave the school during the term, to pay visits of any sort. This breaks into the work, and the student soon loses interest in his studies and falls behind.

### EXPENSES.

Students are enrolled for the school year or for the current term.

All bills are due and must be paid in advance at the beginning of each term. Expenses are reduced to the lowest possible cost consistent with high-grade work. We are not able, therefore, to employ collectors or carry open accounts with students or guardians. Students whose accounts are unsettled or not satisfactorily adjusted within ten days after the opening of each term may be refused entrance to their classes until settlement is made.

Rebate of tuition will be made only in cases of protracted illness, upon physician's certificate, for four weeks or over. Students leaving the school must register out at or notify the President's office. Tuition will be charged to the date of notification. Rebate will be made for board for absence of two weeks or more. One-fourth the regular rate of tuition will be charged sons and daughters of ministers of any denomination who are engaged in pastoral work. Certified students for the ministry in any denomination receive free tuition. Special discount will be made when several pupils come from the same family and payment is made in advance for each term. A discount of 8 per cent will be given for advance payments of tuition for the college year. Students pay an incidental fee at the beginning of each term—day students fifty cents and boarders one dollar; also a library fee of twenty-five cents per term is paid by all in Academic grade or above. A fee of 50c per term will be charged those who use the Gymnasium.

## Tuition.

DEPARTMENTS.	Fall Term, 12 Weeks.	Winter Term, 12 Weeks.	Spring Term, 12 Weeks.
Junior Preparatory Dept. (5th and 6th Grades) . . . . .	\$ 9 00	\$ 9 00	\$ 9 00
Sub-Academic Department . . . . .	10 00	10 00	10 00
Academic Department . . . . .	12 50	12 50	12 50
Collegiate Department . . . . .	16 00	16 00	16 00
Music—Instrumental Department, 24 lessons . . . . .	24 00	24 00	24 00
20 class lessons (four in class) . . . . .	5 00	5 00	5 00
Pipe Organ, 24 lessons . . . . .	36 00	36 00	36 00
Harmony, 20 lessons, in classes of four . . . . .	8 00	8 00	8 00
Harmony, private, 12 lessons . . . . .	9 00	9 00	9 00
Violin (individual) . . . . .	24 00	24 00	24 00
Violin (class of two) . . . . .	18 00	18 00	18 00
Vocal Music, 24 lessons . . . . .	24 00	24 00	24 00
Mandolin and Guitar (private), two lessons per week . . . . .	20 00	20 00	20 00
Mandolin and Guitar (two in class), two lessons per week . . . . .	16 00	16 00	16 00
Use of Instrument . . . . .	3 00	3 00	3 00
Drawing, 24 lessons . . . . .	18 00	18 00	18 00
Painting—Water Colors, 24 lessons . . . . .	18 00	18 00	18 00
Oil, 24 lessons . . . . .	18 00	18 00	18 00
China . . . . .	18 00	18 00	18 00
Elocution, 24 lessons . . . . .	20 00	20 00	20 00
Normal Department . . . . .	12 50	12 50	12 50
Law Department, eight months . . . . .	.....	.....	37 50
Medical Department, per year . . . . .	.....	.....	75 00

## Boarding.

Table Board, per week . . . . .	\$3 00
Rooms in Ladies' Hall, two occupants, per week . . . . .	1 00
Rooms in Ladies' Hall, one occupant, per week . . . . .	2 00
Rooms in Cadet Hall, per week . . . . .	50
Rooms in Science Hall, per week . . . . .	75
Laundry (dozen plain pieces), per week . . . . .	50
Laundered pieces additional, charges as listed.	

As seen by the above, the expenses of the school year for tuition, boarding, lodging, and laundry reaches only the moderate sum of \$175.00—\$215.00.

### Government.

The government of the institution is vested in the Faculty. Each student is required to furnish, if requested, a certificate of good character, before applying for admission into the University, and should acquaint himself with its usages, inasmuch as such application is accepted as evidence of his intention to conform to them. When a student has once entered the institution, he is subject to all its laws until his connection is formally severed by graduation or otherwise.

The purpose of the University is to aid the student in the acquisition of a trained and cultured mind and the cultivation of those manners which make the Christian character, and it welcomes to its halls all young men and young women who desire to attain these ends. The following announcement designs to set before the student such rules as will best enable him to accomplish his work:

1. No student shall, at any time or place, use intoxicating liquor as a beverage, or visit any place the business of which is the sale of intoxicating liquor.
2. The use of tobacco in any form, on the grounds or in any of the University buildings, is forbidden. Students resident on the campus will not anywhere be exempt from this rule.
3. The use of profane language, all indecency of speech or behavior, and all immorality of whatever kind, are strictly prohibited.
4. No student shall deface, mark, or mutilate any of the furniture, buildings, equipment, grounds, or property of the University and any damages accruing to the property from any violation of this rule—other than the natural wear and tear—will be charged to and collected from the violator.
5. Dancing, card-playing, billiard-playing, and the visiting of any billiard saloon or theater are forbidden.
6. Social relations between the young men and women of the University are limited to such occasions as are provided by the authorities, or allowed on request. All advantages resulting from co-education are carefully sought and encouraged, while the disadvantages are understood, and, as far as possible, avoided.
7. Friends who wish to call upon the young women in Ladies' Hall will give card or name at the door, which will be reported to the

preceptress. Visitors will not call upon the young ladies in their rooms.

8. Young women, boarding on the Campus, will not receive visits from gentlemen, nor have their company to entertainments, except on the request of parents and special permission of the Preceptress.

Students are received into the University as gentlemen and ladies, and are expected to conduct themselves accordingly. They are expected to give their undivided attention to the accomplishment of their work. The above regulations are not designed to impose hardships upon anyone, but are framed by the authorities in hearty sympathy with the student, and are intended as a guide to direct him in the achievement of noble ends.

Students who, after sufficient trial, are found incompetent to make advancement in their studies, or incorrigibly indolent, or absorbed in social pleasures, or whose moral influence is injurious to others, will be privately asked to leave without the formality of a trial. An opportunity, however, will be given them to make their statement before the President or Faculty, as the Faculty may judge best.

Students who violate the above regulations will be reprimanded in the spirit of kindness; such, however, as persist in evil will be asked to withdraw, or their parents or guardians will be asked to take them home. When the offense is aggravated, and affects the vital interests of the institution, after full investigation, a pupil may be suspended or expelled.

#### **Conditions of Admission to the University.**

Students will be received at any time and classed according to their attainments; but it is hoped that as far as possible they will arrange to enroll at the first of the term.

Students below college grade will be admitted, upon certificate or such examination as will indicate standing, to suitable classes in the Preparatory Departments. Those coming from other schools, who bring creditable certificates not more than one year old, will be excused from examinations in studies therein designated as passed. However, if students so admitted prove to be deficient in any of these subjects, they will be liable to reclassification.

Applicants for admission to the Freshman Class, from other colleges and all good high schools, will receive credit, without examination,

for those sub-Freshman branches which their certificates show to have been completed. To secure such exemption, students must present their certificates, with a statement of their grades and the amount of work done in each branch. No certificate more than a year old will be valid for admission to the Freshman Class; and students so admitted will be subject to different classification if found deficient in any branch of study.

All other applicants for admission to the Freshman Class will be received only upon examination.

Candidates for advanced standing, after having presented to the President their certificates of admission to the Freshman Class, will be examined by the professor in charge of the several departments. Students who desire credits on work in Science done elsewhere should submit their note-books of laboratory exercises.

The courses of study are arranged in that order which will secure the best development of the mind and furnish the broadest culture. All studies are, therefore, to be pursued in the order laid down in the curriculum. Students desiring, for sufficient reason, to pursue special studies, are permitted to do so, the several professors being judges of their fitness to do such work. Such permission is not intended to apply to students expecting to become members of any regular college or preparatory class. No student will be allowed to drop any subject, required or elective, except upon permission from the Faculty. Work so dropped will not be credited to the student except at the discretion of the Faculty.

#### How to Enroll.

- (1) Apply at the President's office for an enrollment card and fill out as directed.
- (2) Apply to the classification committee and arrange for the studies to be pursued during the term.
- (3) Return your enrollment card to the Registrar, pay your tuition to the President and get a class order.

### Methods of Instruction.

The school day is divided into a suitable number of periods of one hour each. These periods are devoted entirely to class work. Preparation therefor must be made either at home or under suitable supervision, in one of the study halls. Students boarding on the Campus, who attain the grade of "F," and whose conduct is satisfactory, may, however, be allowed to study in their rooms, under supervision of the proper authorities.

Study hours for boarding students are observed from 8 A. M. to 12 M., and from 1 P. M. to 4 P. M., and from 7 P. M. to 9:40 P. M.

Instruction is given by recitations, lectures, laboratory exercises, field excursions, drills, reviews, and written and oral examinations.

### Attendance.

1. Students shall be in their places every day of the term, unless prevented by sickness. They shall be present at their recitations and other exercises assigned by their instructors; at chapel exercises; at divine service on each Sunday.

2. Tardiness in attendance is excusable only when satisfactorily accounted for at the close of the exercises where such lateness occurs.

3. Absences from church or chapel are accounted for to the secretary. Absences from lectures or class exercises are accounted for to the teacher in charge.

4. Continued unexcused absence or tardiness may lead to suspension.

5. Permission to be absent from the University can be given only by the President or presiding officer.

### Examinations.

1. Examinations upon the entire work of each term will be held on the last two days of the term, except during Commencement week, when examinations will be held as per calendar.

2. No student shall be admitted to the regular class examination in any subject who has been absent from class in that subject one-third or more of the time, unless the work be made up to the satisfaction of the professor in charge. Work so made up will be given two-thirds

credit. If work be not so made up, a special examination must be taken under conditions of No. 5 (below).

3. Examinations at other than appointed times are subject to the approval of the professor of that department to which the subject belongs.

4. The character of the work performed by each student in every study is indicated by the letters E (excellent), corresponding to a grade between 95 and 100; S (superior), from 85 to 95; G (good), from 75 to 85; F (fair), from 70 to 75; I (inferior), below 70. A record of the daily recitations, test examinations, and term examinations in each department is preserved, and at the close of each term, from the department records, the grade of every student in each study is determined and announced upon the college bulletin. The minimum grade in any study upon which a student will be passed is F.

Accurate records are kept of the date of entrance, course pursued, and grade made in each study by every student; and the standing of any student, upon request, will be forwarded to parents or guardians at the end of each term.

5. No student shall be entitled to examination at other than the regularly appointed time, except upon presentation to the professor of a permit from the President of the University, for which the student shall pay \$1.00.

### Classification.

1. Deficiencies amounting to one term's study are not a bar to preparatory classification.

2. Advanced studies may be allowed to balance against deficiencies.

3. In college classes no student will be promoted who is back more than two one-term studies, or more than one two-term study.

### Degrees.

The University confers upon those who satisfactorily complete the Classical course the degree of Bachelor of Arts; the Scientific course, Bachelor of Science; the Philosophical course, Bachelor of Philosophy; the Literary course, Bachelor of Literature; the Normal course, a certificate of graduation; the Law course, Bachelor of Law; the Medical course, Doctor of Medicine.

The corresponding Master's degree will be conferred upon Bachelors of three years' standing who have sustained a good moral character, and have pursued professional or advanced studies.

Candidates for Masters' degrees should make application for the same to the President, inclosing the diploma fee, one month prior to the annual Commencement.

Diploma fee for any degree, except M.D., on graduation, \$10; for degree of M.D., \$25; for any degree *in curso* or *pro merito*, \$15.

### Prizes.

*Mitchell Medal*.—Mr. J. E. Mitchell, jeweler, of this city, has donated a beautiful \$50 gold medal, to be awarded annually for the best oration.

*Jaccard Prize*.—Mr. F. W. Jaccard, of Fort Worth, will give each year a valuable prize to be competed for by the students in the School of Oratory.

*Osborne Medal*.—Rev. H. R. Osborne will give a medal to be awarded annually to the student receiving the highest grade in a series of not less than six debates.

### Societies.

There are regularly organized literary societies—two for young men and two for young women. They hold their sessions once each week in their own halls. The Athenian and Orophilian are designed primarily for college students, and all members of college classes will unite with one of them.

The Young Men's Christian Association and the Young Women's Christian Association each sustains a Sunday evening prayer-meeting in its hall, and each unites in a song and Bible service each Sunday night in the chapel. In addition, these societies carry on the Christian work incident to such organizations everywhere. There is also a general prayer-meeting in the chapel each Wednesday night.

Each Association has its own library of books selected for their helpful influence in forming character.

### Oratorical Association.

The University is one of the six colleges forming the Texas State Oratorical Association, composed of Baylor University, Southwestern University, Texas Christian University, Austin College, Trinity University, Fort Worth University. An annual contest is held, at which the successful local contestants strive for the prize. The winners of the local contest represent their respective schools in the general State contest. Out of 8 contests the Fort Worth University has won 4 firsts, 3 seconds, and 1 third.

### Physical Culture.

The need of physical training as a part of complete education is recognized at the University. This is provided for the young men in the military drill, gymnastics, and games of the Athletic Association. The young women take regular exercise in walking, games, and æsthetic gymnastics at certain hours in the Gymnasium under the direction of the teacher of physical culture.

### Athletic Association.

Games and sports of all kinds are under the special direction of the General Athletic Association, a student organization whose object is to promote this class of physical exercise. Baseball, basketball, and football are played in season. Lawn tennis courts, croquet grounds, and basketball grounds are maintained throughout the year. There is, therefore, ample provision for outdoor sports for both girls and boys who may wish to avail themselves of the chance to build up a good, sound, healthful body.

The entire object of the Association is to see that, while the mind is being developed, the body does not suffer for want of proper exercise, and to bring it about that students shall leave the school sounder of mind and stronger of body than they were when they entered it. The Faculty exercises a general advisory control and averts dangerous tendencies or unwise excesses.

### Library and Reading Rooms.

Good rooms, well lighted and ventilated, have been set apart for reading-room and library. A very superior collection of books on general literature, history, normal work, fiction, and poetry has been

secured, and each year adds to the number. Five hundred dollars has been donated as a memorial for books in the department of history. Hon. Robt. McCart has filled a one-hundred-dollar alcove with choice books in memory of his mother. Mrs. H. W. Tallant is carrying out the intention of her deceased husband in filling an alcove with philosophical works. Judge C. K. Beall has contributed between fifty and one hundred volumes of technical worth, and the Methodist Episcopal Book Concern, of Cincinnati, has recently added a valuable donation of over a hundred volumes, on various subjects, to their previous generous gifts.

The reading-room has leading daily, weekly, and monthly newspapers, while the magazine literature is abundant and of first quality. The reference library is well stocked and has a very valuable collection of Government reports, and is increased by each new volume as it appears.

Recent additions to the reference library are: The Century Dictionary and Cyclopedias (10 volumes), the New Revised Encyclopedia Dictionary (5 volumes), and Warner's Library of the World's Best Literature (30 volumes).

On the City Belt car line is located, within easy reach, the Carnegie Public Library, an institution of inestimable value to the School.

### Chemical Laboratory.

The Chemical Laboratory is on the first floor of the new Science Hall. It is a finely lighted and ventilated room, well furnished with desks fitted with drawers and lockers for each student, and with cases for chemicals, water, gas, seats for class work, tables, hoods, and all the other features of a first-class laboratory. The equipment is sufficient to allow of each student being assigned a desk with a complete set of apparatus for general chemistry. There is also a good general laboratory equipment of burettes, balances, spectroscope, etc., necessary for qualitative, quantitative, and organic work. For mineralogical work there are three gas assay furnaces and a good cabinet of minerals for determinative work.

### Physical Laboratory.

The Physical Laboratory is on the first floor of the new Science Hall. It is fitted with work-tables and large cases, and supplied with water and gas. It is equipped with some of the best apparatus for lecture use as well as for individual experimentation in mechanics, acoustics, heat, light, electricity, and magnetism. Among the special pieces are an Atwood machine, a very high-grade spectroscope, wireless telegraph outfit, a complete set of apparatus for showing the various effects of magnets, solenoids, etc., upon electrical currents, a fine dynamo, motors, apparatus for recording vibrations of tuning-forks, and many other valuable pieces, making its equipment of the very first class for all general work.

### Biological Laboratory.

The Biological Laboratory occupies a large room on the second floor of the new Science Hall. It is well adapted for microscopical purposes and supplied with water and gas. It is equipped with tables, compound microscopes, microtomes, turn-tables, and a full supply of necessary reagents and apparatus for biological work. Besides drawings, charts, and skeletons, it has also dry and alcoholic specimens for illustrating various groups of animal life. Botany is represented by a local herbarium, to which additions are constantly being made. It is also well equipped with dishes, stains, paraffine baths, etc., necessary for histological work. A complete heliopticon and projection outfit has been purchased. For use with this, the Laboratory has a large number of physiographical, geological, and bacteriological slides.

### Museum.

The Museum is on the second floor of Science Hall. It is fitted with cases to display the museum material.

The University aims not so much to secure or maintain a collection of curiosities for the entertainment or instruction of the public as one for educational use. It is the policy to secure the most select and best classified collections for teaching purposes, leaving all else to be invested in working outfit.

Zoölogy is to have represented every animal and vegetable sub-

kingdom by a few of the most typical forms best illustrating the principles of classification and individual and geographical variations, with an ascending series of skeletons for comparative osteology. A good beginning has been made in prepared microscopic slides of lower life. There is a comprehensive collection of 150 marine invertebrates, a number of alcoholic specimens of rare vertebrates, several stuffed animals, and many interesting fossils. A beginning has been made in entomology. Botany is represented by a local herbarium, rare fruits, woods, and fossil forms.

The mineral cabinet for the study of geology and mineralogy is quite complete, containing a large collection of classified specimens, including a very fine series of 96 illustrative State minerals and a collection representing all the laws of crystallography. A complete collection of crystals for the study of crystallography has been donated to the University by the President.

The Museum also contains a very instructive set of 107 casts of prehistoric and early weapons, tools, utensils, and tiles for the study of paleontology and ancient history.

Valuable gifts of minerals and plants have been made to the Museum. Among those so contributing are the Rev. J. M. Wilder, A.B., Miss Johanna Blinka, and Miss Margaret W. Carlson. The curator wishes to thank these and the many other friends who are interested in and contributing to make the Museum of increasing educational value.

### Lectures.

It is the aim of the University to supplement the ordinary class work of the students with lectures by the best scholars of the city. In this way the student's ideas are broadened and his interest in his routine work is kept alive. The following subjects, among others, were presented before the University during the past year:

“Pulpit Oratory,” by Prof. W. W. Heathcote, A.M.; “The Minister and Moral Reform” and “Homilies, or the Art of Sermon-Making,” both by Rev. J. W. Caldwell, Ph.D.; “The Land and the Book,” by Rev. J. F. Boeye, A.B.; “Cultivation and Use of the Voice,” by Prof. R. M. Pease, A.B.; “Christianity and China,” by Bishop D. D. Moore, D.D.; and “How to Study the Bible,” by Rev. G. W. Ray.

We desire to acknowledge our thanks to the above gentlemen for their kindness in thus showing their interest in us and in our school. We hope that next year the course will be even more complete than ever before.

It is expected that the opening session of next year will witness the beginning of a manual training school. This will be the School of Printing. In this connection we desire to acknowledge and express our appreciation of the benevolence of the following firms, whose donations have helped to make this possible:

Challenge Machinery Co., Grand Haven, Mich.

Oswego Machine Works, Oswego, N. Y.

O. G. Elliott Paper Co., Dallas, Tex.

T. Beddo & Co., Dallas, Tex.

Barnhardt Bros. & Spindler, Chicago, Ill.



---

## COLLEGE OF LIBERAL ARTS AND SCIENCES.

---

### Faculty.

GEORGE MACADAM, A.M., D.D.,  
Professor of Philosophy and English Bible.

N. B. HELLER, B.S.,  
Professor of Mathematics.

JOHN W. BEACH, A.B.,  
Professor of Ancient Languages.

JEANNETTE LEWIS, A.M.,  
Professor of History.

GUY G. FRARY, B.S.,  
Professor of Science.

ALICE C. CONKLING,  
Professor of English.

W. EUGENE BEARDSLEY, A.B.,  
Professor of Modern Languages.

J. F. COX, A.B.,  
Instructor in Political Sciences.

---

### Officers of the Faculty.

GEORGE MACADAM..... President

N. B. HELLER..... Secretary and Registrar

GUY G. FRARY..... Curator of Musem

JEANETTE LEWIS..... Librarian

## COLLEGE OF LIBERAL ARTS AND SCIENCES.

The College of Liberal Arts represents the collegiate side of University work, as distinguished from the work of the professional schools. Its courses of instruction are arranged to meet the wants of students who, having completed the work of an academic or high school, are prepared to take up a systematic or advanced course of study. It is designed to afford such a disciplinary and general education as constitutes a solid foundation for future professional work. It is also intended to provide the liberal culture which is commended as an end in itself to men and women, whatever course in life they may expect to pursue.

### Required Collegiate Programme.

As a condition of graduation, each student must complete one of the following courses. The Classical, Scientific, Philosophical, and Literary courses lead up to the degrees, Bachelor of Arts, Bachelor of Science, Bachelor of Philosophy, Bachelor of Literature, respectively. On the completion of the Normal course, a certificate of graduation is given.

*Note.*—The allotted time is for the number of hours a week. Courses marked by capital letters are fully described on the pages immediately following.



**COURSE OF STUDY.**

**COLLEGE.**

**I.—Classical Course.**

*FORT WORTH, TEXAS.*

33

FRESHMAN.		SOPHOMORE.		JUNIOR.		SENIOR.	
	Hrs.		Hrs.		Hrs.		Hrs.
Rhetoric,	3	Bible,	2	Logic,	4	Ethics,	4
Latin (Cicero),	4	Latin (Literature),	3	Christian Evidences,	4	Electives,	12
Greek,	3	Greek,	4	Electives,	8		
German or French,	4	German or French,	4				
College Algebra,	3	History,	4				
Fall Term.		Winter Term.		Spring Term.		History Civilization	
Rhetoric,	3	Bible,	2	Psychology,	4	History Civilization	4
Latin (Livy),	4	Latin (Tacitus),	3	Political Economy,	4	Electives,	12
Greek,	3	Greek,	4	Electives,	8		
German or French,	4	German or French,	4				
Plane Trigonometry,	3	History,	4				
Spring Term.		Winter Term.		Fall Term.		History Philosophy,	
Rhetoric,	3	Bible,	2	Psychology,	4	History Philosophy,	4
Latin (Livy),	4	Latin (Horace),	3	Political Economy,	4	Electives,	12
Greek,	3	Greek,	4	Electives,	8		
German or French,	4	German or French,	4				
Plane Trigonometry,	3	History,	4				

The minimum of work required for the Bachelor's Degree will be on the average 16 hours per week, or 195 term hours. Electives must be so chosen as to fulfill this requirement.

COURSE OF STUDY.  
COLLEGE.

II.—Scientific Course.

FRESHMAN.		SOPHOMORE.		JUNIOR.		SENIOR.	
	Hrs.		Hrs.		Hrs.		Hrs.
Rhetoric, Biology, Chemistry, College Algebra, French, Fall Term.	3 4 4 3 3	Argumentation, Bible, History, Analytic Geometry, French, Electives,	2 2 4 3 3	Logic, Physics, Calculus Electives,	4 4 4 3 3	Geology, Electives,	4 12
Rhetoric, Biology, Chemistry, Plane Trigonometry, French, Winter Term.	3 4 4 3 3	Argumentation, Bible, History, Analytic Geometry, French, Electives,	2 2 4 3 3	Psychology, Physics, Calculus, Electives,	4 4 4 3 3	Geology, Electives,	4 12
Rhetoric, Biology, Chemistry, Spherical Trigonometry, French, Spring Term.	3 4 4 3 3	Argumentation, Bible, History, Analytic Geometry, French, Electives,	2 2 4 3 3	Psychology, Physics, Calculus, Electives,	4 4 4 3 3	Astronomy, Electives,	4 12

III.—PHILOSOPHICAL COURSE. In this the degree of Ph. B. will be given to those who take the classical course, with the following substitutions: German for Academic Greek, French for College Greek. Electives may be substituted for the rest of college languages.

The minimum of work required for the Bachelor's Degree will be on the average 16 hours per week, or 196 term hours. Electives must be so chosen as to fulfill this requirement.

## COURSE OF STUDY.

## COLLEGE.

## IV.—Literary Course.

	FRESHMAN.	SOPHOMORE.		JUNIOR.		SENIOR.	
		Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.
Rhetoric,	3	Argumentation,	2	Logic,	4	Ethics,	4
Biology,	4	Bible,	2	Christian Evidences,	4	General Literature,	4
Modern Languages,	4	Modern Languages,	4	English Literature,	3	Electives,	8
College Algebra,	3	History,	4	Electives,	4		
American Literature,	3	Electives,	5				
Rhetoric,	3	Argumentation,	2	Psychology,	4	History Civilization,	4
Biology,	4	Bible,	2	Political Economy,	4	General Literature,	4
Modern Languages,	4	Modern Languages,	4	English Literature,	3	Electives,	8
Plane Trigonometry,	3	History,	4	Electives,	4		
American Literature,	3	Electives,	5				
Rhetoric,	3	Argumentation,	2	Psychology,	4	History Philosophy,	4
Biology,	4	Bible,	2	Political Economy,	4	General Literature,	4
Modern Languages,	4	Modern Languages,	4	English Literature,	3	Electives,	8
Spherical Trigonometry,	3	History,	4	Electives,	4		
American Literature,	3	Electives,	5				

The minimum of work required for the Bachelor's Degree will be on the average 16 hours per week, or 195 term hours. Electives must be so chosen as to fulfill this requirement.

### Electives.

	HRS.		HRS.
Mathematics.....	3 or 4	Modern Languages.....	3 or 4
Ancient Languages.....	3 or 4	Argumentation.....	2
Literature.....	2	History .....	3
Political Science.....	3	International Law .....	4
Philosophy.....	4	Natural Science .....	4
Astronomy.....	4	History of Art.....	2
Oratory .....	2	Physical Culture.....	2

### Bible.

PRESIDENT MACADAM.

FALL, WINTER AND SPRING TERMS—Sophomore Year. Two hours per week. The Scriptures will be taught in the vernacular. A historical course will be pursued, with Smith's "Students' Series" for text-books, and will be supplemented by critical study and reading of representative authors. Lectures on the Bible will be a part of the method used in teaching.

### Philosophy.

PRESIDENT MACADAM.

FALL TERM—Junior Year. *Evidences of Christianity.* Four hours. Text-book, Fisher. The effort is made to present to the student the logic of Christian evidences and the ground of Christian belief. Collateral studies will be used and lectures given.

FALL TERM—Junior Year. *Logic.* Four hours. Text-book, Jevons' "Elementary Lessons in Logic," from which frequent recitations are required, with written exercises and original work. Aim, to acquaint with the laws and methods of correct thinking.

WINTER AND SPRING TERMS—Junior Year. *Psychology.* Four hours. Text-book, Dewey, from which recitations are made; these are supplemented by discussions and experiments. Lectures given on special themes.

FALL TERM—Senior Year. *Ethics.* Four hours. A brief survey of the leading ethical systems. Discussion and disquisitions are required on the fundamental problems of moral obligation, the native

function and authority of conscience, and the formation of character. Lectures will supplement recitations from selected texts.

WINTER TERM—Senior Year. *History of Civilization*. Four hours. Text-book, Guizot. Collateral studies, original research, and lectures.

SPRING TERM—Senior Year. *History of Philosophy*. Four hours. Text-book, Schwegler. A brief survey of the philosophical schools from the first to modern systems; supplemented by discussion and lectures.

### Latin.

#### PROFESSOR BEACH.

FALL TERM—Freshman Year. *Cicero's Philosophy* (de Amicitia, de Senectute).

WINTER AND SPRING TERM—Freshman Year. *Livy*, Books I., XXI. and XXII.

FALL TERM—Sophomore Year. *Roman Literature*. Selections from representative authors.

WINTER TERM—Sophomore Year. *Tacitus* (Agricola and Germania).

SPRING TERM—Sophomore Year. *Horace* (Odes and Epodes). Scansion of Horatian meters.

### Elective Work.

FALL TERM—*Latin Comedy*. Plautus (Captivi), Terence (Andria).

WINTER TERM—*Satire*. Juvenal and Horace. Study of the private life of the Romans.

SPRING TERM—*Pliny* (Selected letters).

### Greek.

#### PROFESSOR BEACH.

FALL TERM—Freshman Year. *Lysias* (Selected Orations).

WINTER TERM—Freshman Year. *Memorabilia* or *Herodotus*.

SPRING TERM—Freshman Year. *Plato* (Apology and Crito).

FALL TERM—Sophomore Year. *Euripides* (Medea).

WINTER TERM—Sophomore Year. *Aeschylus* or *Sophocles*.

SPRING TERM—Sophomore Year. *Thucydides*, VII.

**Elective Work.**

FALL TERM—*Demosthenes* (De Corona).

WINTER TERM—*Odyssey* (Selections).

SPRING TERM—*Theocritus* (Bion and Moschus).

FALL TERM—*Hellenistic Greek* (The Gospels).

WINTER TERM—*Aristophanes* (Clouds).

SPRING TERM—*Pindar* (Selections).

**French.**

PROFESSOR BEARDSLEY.

FALL, WINTER AND SPRING TERMS—Freshman Year. Grammar. Chardenal's Complete French Course. François, Simple French.

FALL, WINTER AND SPRING TERMS—Sophomore Year. Causeries avec Mes Elèves; Feuillet's Le Roman d'un Jeune Homme Pauvre; Xavier's La Jeune Siberienne; Corneille's Le Cid; Dumas' Henri III. et sa Cour; Hugo's Misérables; Voltaire's Charles XII.

**German, Spanish.**

PROFESSOR BEARDSLEY.

For these branches, see work in the Academy.

**Italian.**

PROFESSOR BEARDSLEY.

FALL TERM—Grandgent's Italian Grammar and Composition; Bowen, Italian Reader; De Amicis, Cuore; Barilli, Una Notta Bizzarra.

WINTER TERM—Grandgent's Italian Grammar; Hosfield's Italian Verbs; Manzoni, I. Promessi Sposi; Pellico, Francesca da Rimini.

**Elective Work.**

Elective work in German, French, Spanish, and Italian will be laid out according to the needs of the students.

SPRING TERM—Dante, Divina Commedia; Tasso, La Gerusalemme Liberata; Farina, Fra le Corde di un Contrabasso.

Supplementary Reading—Goldini, Un Curioso Accidente, La

Lacondiera; Testa, L'Oro e l'Orpello; Leopardi, Canti; Carducci, Odi Barbare; Alfieri, Saul; Dante, Vita Nuova; Lorenzo de Medici, Poesie; Castiglione, Il Cartegiano; Cellini, La Vita.

### History.

PROFESSOR LEWIS.

FALL, WINTER AND SPRING TERMS—Sophomore Year.  
*Mediaeval and Modern History.* (Required.) Mediæval History: The history of Europe from the fall of the Roman Empire, to the Reformation. First half, four hours.

Modern History: A continuation of the above, bringing the general history of Europe down to the close of the nineteenth century. Second half, four hours.

### Elective Work.

English Constitutional History, a study of the growth of English institutions. Three hours.

American Constitutional History. Constitutional development traced through colonial charter and articles of confederation until formulated in the Constitution of 1789; organization and operation of our existing political system. Three hours.

*The Renaissance.* Preparation for the Renaissance in the intellectual and social life of Europe; spread of the revival; artistic and literary aspect of the movement; rise of the modern spirit. Half year, four hours.

*The Reformation.* Early movement of dissent from Roman Church; Reformation in Germany, Switzerland, France and England; ecclesiastical, political and social effects of the Reformation. Half year, four hours.

### English.

PROFESSOR CONKLING.

FALL, WINTER AND SPRING TERMS—Freshman Year.  
*Rhetoric and Composition.* Four hours throughout the year. Elementary instruction in the theory and practice of English composition. Weekly themes throughout the year. Required for all Freshmen.

FALL, WINTER AND SPRING TERMS—Sophomore Year.

*Composition, Argumentation.* Two hours through the year. Text-book—Buck, Argumentative Writing. Recitations. Written Exercises. Themes. Required of all Sophomores.

### **Elective Work.**

(1) *English Literature*—History of English Literature. Two hours throughout the year. A large amount of supplementary reading required. This course is designed for students who desire only a general acquaintance with English literature, and should be elected early in the year.

(2) *Early English Literature.* Three hours throughout the year. This course is devoted to both literature and languages. Text-books—Cook, First Book on Old English; Wyatt's edition of Beowulf; Cook's edition of Cynewulf's Christ. Literature of the fourteenth century. Chaucer, Langland. The metrical romances and beginning of the drama.

(3) *Shakespeare.* Three hours throughout the year. A critical examination of the works ascribed to Shakespeare, with study of his life and character. Close reading and critical study of selected plays, with rapid reading and discussion of others. Text-books—The Arden Shakespeare; Dowden's Primer of Shakespeare; Woodbridge, The Drama; Its Laws and Its Technique.

(4) *English Masterpieces of the Nineteenth Century.* Three hours throughout the year. The course will include selections from many authors of the time, together with a critical study of Browning, Ruskin, Carlyle, Tennyson and others.

### **Mathematics.**

#### **PROFESSOR HELLER.**

The work of this department will be given as practical a trend as possible, consistent with thoroughness. No little scope will be given for elective work in Mathematics.

FALL TERM—Freshman Year. *College Algebra.*

WINTER AND SPRING TERMS—Freshman Year. *Plane and Spherical Trigonometry.*

FALL, WINTER AND SPRING TERMS—Sophomore Year. *Plane and Solid Analytic Geometry and Higher Plane Curves.*

FALL, WINTER AND SPRING TERMS—Junior Year. *Differential and Integral Calculus.* Special attention being paid to the most approved methods of treating definite integrals.

SPRING TERM—*Astronomy.*

### Elective Work.

FALL AND WINTER TERMS—*Theory of Determinants* and *Theory of Equations.*

FALL AND WINTER TERMS—*Differential Equations.*

FALL AND WINTER TERMS—*Quaternions.*

### Astronomy.

PROFESSOR HELLER.

This is required of Seniors in the Scientific Department, and elective in the Classical and English Departments. This course comprises the study of orbital motions, Kepler's and Newton's laws, the moon's nodes, eclipses, parallax, celestial measurements, the calendar, the solar system in detail, and cosmogony. Open to students in Senior year.

### Political Science.

J. FRANK COX.

It is a regrettable fact that, in this material and utilitarian age, the preparation for good citizenship is often sadly neglected. Civic duties await every student. They cannot well be escaped. Indeed, in our country they are well nigh imperative. The broadest purpose of college instruction, therefore, is to educate students for the intelligent discharge of the duties and obligations involved in substantial citizenship. And it follows, from this point of view, that such branches of the political sciences as International Law, Political Economy, and the History of Economic Thought should engage the attention of, and appeal to the thought of all young men and young women aspiring to the nobler purposes of life.

WINTER TERM—Junior Year. *Political Economy.* The object in this study is to inquire into the origin and sources of wealth and its application to individual, social and national well-being; to investigate the principles underlying industrial and commercial conditions; and to discuss inventions which have brought under the control of man

the forces of Nature and made them contribute to the needs and comforts of mankind.

SPRING TERM—Junior Year. *History of Political Economy.* The aim here is to take a rapid survey of the progress and development of economic thought.

### **Elective.**

FALL TERM—*International Law.* This course undertakes a study of the fundamental principles which should regulate international affairs; and to lead students to acquire any information necessary to an understanding of current discussions of foreign relations.

The work in these branches is done in recitations with occasional papers on assigned subjects.

---

## **DEPARTMENT OF SCIENCE.**

PROFESSOR FRARY.

### **Biology.**

The biological laboratory is well equipped with dissecting and compound microscopes, reagents, dissecting instruments and apparatus for histological work. The animal and plant kingdoms are represented by a fair collection of museum material, and there is considerable alcoholic material for laboratory use as well as prepared slides, charts, etc. The laboratory work is arranged by the instructor and will occupy two periods of two hours each per week throughout the year. Laboratory fees, \$2.00 per term.

FALL TERM—Freshman Year. *Biology.* This course consists of lectures, recitations and laboratory work. Type forms of animal and plant life will be studied and especial attention given to cell structure. Text, Sedgwick and Wilson.

WINTER AND SPRING TERMS—Freshman Year. *Zoölogy.* The course in Zoölogy will be given in alternate years with courses in Botany. Course in Zoölogy will be offered in 1905-1906. As complete a study as is consistent with the time allowed will be made of the types of animal phyla, and the time will be divided between lectures, recitations and work in the laboratory.

References, Parker and Haswell, Packard, Thompson, Cambridge Natural History and other recognized authorities.

WINTER AND SPRING TERMS—Freshman Year. *Botany.* This course will be devoted to a study of the morphology of the chief plant groups with some attention to the classification of plants and economic botany. The course will be presented by lectures and recitations, with accompanying laboratory studies. Will not be offered in 1905-1906.

References, A Text-book of Botany, by Noll, Schimper, etc., Bergen, Bessey and others.

### Chemistry.

The chemical laboratory occupies a large room in the basement of Science Hall, and is well equipped for work in the courses offered. Additions are being made each year which increase the facilities for advanced work.

FALL TERM—Freshman Year. *Qualitative Analysis.* The aim of this course is to acquaint the student with the principles and practice of the separation and detection of the electro-negative and electro-positive elements and groups of elements. Toward the end of the course analyses of complex mixtures, alloys and ores will be required. Eight hours of laboratory work and one lecture per week. Text, Perkins. References, Fresenius and Treadwell. Fees, \$4.00.

WINTER AND SPRING TERMS—Freshman Year. *Quantitative Analysis.* In these courses both gravimetric and volumetric analysis will be taken up as fully as time allows. The work will include the analysis of salts, ores and some commercial products, and the standardizing of solutions and analysis by titration. Eight hours of laboratory work and one lecture per week during the winter term. Ten hours of laboratory work per week in the spring.

References, Fresenius (new edition), Treadwell and others. Fees, \$4.00 per term.

### Elective.

#### PROFESSOR FRARY.

ENTIRE YEAR—*Advanced Quantitative Analysis.* Students having completed previous courses in chemistry may elect this more advanced work. The work will include some of the more complex types

of analysis, such as the analysis of soils, fertilizers, coal, etc., together with the technical and sanitary analysis of water. Ten hours of laboratory work per week throughout the year.

References, Fresenius (new edition), Treadwell, Sutton, Addyman and other authorities. Fees, \$4.00 per term.

**ENTIRE YEAR—*Organic Chemistry*.** This course will be given in alternate years with the Advanced Quantitative Analysis. The work will consist of lectures and laboratory work.

References, Remsen, Halleman, Richter, Gatterman and Orndorff. Fees will depend upon the amount of material used.

### Physics.

In the physical laboratory the equipment is good for all general experimental work in the course offered. It is the aim of the department to enlarge the equipment each year, making it sufficient for both theoretical and practical work.

**ENTIRE YEAR—*Junior Physics*.** The work in this course will follow the plan laid out in one of the standard texts on university physics, and will consist of lectures, recitations and laboratory work. Three lectures and two laboratory periods per week. Fee, \$2.00 per term.

### Geology.

The region about Fort Worth is particularly well adapted to fill the outdoor needs of a well-planned course in Geology, being rich in fossils of the cretaceous and lending itself readily to topographic study. The University Museum contains representative collections of minerals and fossil remains and there are also in the department some maps and charts.

**FALL AND WINTER TERMS—Senior Year. *Geology*.** The course will include dynamic, descriptive and historical geology, and the class-room work will be supplemented by assigned readings and field excursions.

References, Le Conte, Scott, Chamberlain and Salisbury, and others. Four lectures or recitations per week.

## THE ACADEMY.

---

The work of this department of the University is to fit young men and young women for college, and also to provide for those who cannot complete a college course, a thorough academic education.

There are three courses arranged to meet the requirements of the courses in the College of Liberal Arts—the Classical course, the Scientific course, and the Literary course. Upon the completion of any of these courses the student is given a certificate, which admits him to the corresponding course of the College of Liberal Arts.

The classes in the Academy are taught by the professors of the College of Liberal Arts with the assistance of the following instructors and tutors:

CHRISTINA McLEAN,  
Instructor in Fine Art and Drawing.

HATTIE RUTH COLLINS,  
Tutor in Ancient Languages.

.....  
Tutor in Science.

## COURSE OF STUDY.

## ACADEMY.

## I.—Classical Course.

FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.	
			Hrs.	Hrs.
Grammar, Arithmetic or Algebra, Physiology, American History,	English, Latin (Foundations), Algebra, Ancient History,	English, Latin (Cæsar), Greek, Geometry, Physics,	3 4 4 4	3 4 4 4 4
Grammar, Arithmetic or Algebra, Physiology (1 term), Physiography (1 term), American History,	English, Latin (Foundations), Algebra, Ancient History,	English, Latin (Cæsar), Greek, Geometry, Physics,	3 4 4 4 4	3 4 4 4 4
Grammar, Arithmetic or Algebra, Physiology, American History,	English, Latin (Nepos), Geometry, Ancient History,	English, Latin (Cicero), Greek, Geometry, Physics,	3 4 4 4 4	3 4 4 4 2

**COURSE OF STUDY.  
ACADEMY.**

**II.—Scientific Course.**

FIRST YEAR.	SECOND YEAR.	THIRD YEAR.				FOURTH YEAR.
		Hrs.	Hrs.	Hrs.	Hrs.	
Grammar, Arithmetic or Algebra, Physiology, American History, Fall Term.	4 4 4 4 4	Latin (Foundations), Zoölogy, Algebra, Ancient History,	4 4 4 4	English, Latin (Cæsar), German, Geometry, Physics,	4 4 4 4 4	Rhetoric, German, Mathematics (General Review), Chemistry, *Mechanical Drawing, 2
Grammar, Arithmetic or Algebra, Physiology ( $\frac{1}{2}$ term), Physiography ( $\frac{1}{2}$ term), American History, Winter Term.	4 4 4 4 4	Latin (Foundations), Zoölogy ( $\frac{1}{2}$ term), Botany ( $\frac{1}{2}$ term), Algebra, Ancient History,	4 4 4 4 4	English, Latin (Cæsar), German, Geometry, Physics,	4 4 4 4 4	Rhetoric, German, Mathematics (General Review), Chemistry, *Mechanical Drawing, 2
Grammar, Arithmetic or Algebra, Physiology, American History, Spring Term.	4 4 4 4 4	Latin (Nepos), Botany, Geometry, Ancient History,	4 4 4 4	English, Latin (Cicero), German, Geometry, Physics,	4 4 4 4 4	Civil Government, German, Mathematics (General Review), Chemistry, *Mechanical Drawing, 2

<sup>e</sup>A class in Mechanical Drawing will not be formed unless a sufficient number of pupils apply for it.

**III.—Philosophical Course.**

(Same as Classical Course, except that German or French is substituted for Greek in third and fourth years.)

## COURSE OF STUDY.

## ACADEMY.

## IV.—Literary Course.

FIRST YEAR.	SECOND YEAR.	THIRD YEAR.		FOURTH YEAR.	
		Hrs.	Hrs.	Hrs.	Hrs.
Grammar,	4 English,	4 English,	4 English,	3 Rhetoric,	4 Rhetoric.
Arithmetic or Algebra,	4 Algebra,	4 Geometry,	4 Geometry,	3 German,	4 German.
Physiology,	4 Latin (Foundations),	4 Latin (Cæsar),	4 Spanish,	4 Spanish,	4 Spanish,
American History,	4 Ancient History,	4 German,	4 English History,	4 English History,	3 Mythology,
		Physics,	4	4	3
Grammar,	4 English,	4 English,	3 Rhetoric,	4 Rhetoric,	4 Rhetoric.
Arithmetic or Algebra,	4 Algebra,	4 Geometry,	3 German,	4 German,	4 German.
Physiology (1 term)	4 Latin (Foundations),	4 Latin (Cæsar),	4 Spanish,	4 Spanish,	4 Spanish,
Physiography (1 term),	4 Ancient History,	4 German,	4 English History,	4 English History,	3 Mythology,
American History,	4	Physics,	4	4	4
Grammar,	4 English,	4 English,	3 Civil Government,	3 Civil Government,	4 Civil Government.
Arithmetic or Algebra,	4 Geometry,	4 Geometry,	3 German,	3 German,	4 German.
Physiography,	4 Latin (Nepos),	4 Latin (Cicero),	4 Spanish,	4 Spanish,	4 Spanish,
American History,	4 Ancient History,	4 German.	4 Mythology,	4 Mythology,	3 Mythology,
		Physics,	4	4	4

**Latin.**

PROFESSOR BEACH.

FALL, WINTER AND SPRING TERMS—Second Year. Bennett's Foundations of Latin. *Nepos*.

FALL AND WINTER TERMS—Third Year. *Caesar*. Latin Grammar. Prose Composition.

SPRING TERM—*Cicero* (Select Orations). Grammar. Prose Composition.

FALL TERM—Fourth Year. *Cicero*. Grammar. Prose Composition.

WINTER TERM—Fourth Year. *Virgil*. Grammar. Prose Composition. Mythology.

SPRING TERM—Fourth Year. *Virgil* or *Ovid*. Grammar. Prose Composition. Mythology.

**Greek.**

PROFESSOR BEACH.

FALL, WINTER AND SPRING TERMS—Third Year. White's Greek Book for Beginners. *Anabasis*.

FALL AND WINTER TERMS—Fourth Year. *Anabasis*, II.-IV. Goodwin's Greek Grammar. Prose Composition.

SPRING TERM—Fourth Year. *Iliad*, I.-III.

**German.**

PROFESSOR BEARDSLEY.

FALL TERM—Third Year. Schiller's "Der Neffe als Onkel"; Lessing's "Minna von Barnhelm"; Grammar and Composition.

WINTER TERM—Third Year. Freytag's "Die Journalisten"; Schiller's "Wilhelm Tell"; Composition.

SPRING TERM—Third Year. Goethe's "Hermann und Dorothea"; Kleist's "Printz von Homburg." Composition.

FALL TERM—Fourth Year. Schiller's "Jungfrau von Orleans." Literature.

WINTER TERM—Fourth Year. Lessing's "Emilia Galotti." Literature.

SPRING TERM—Fourth Year. Goethe's "Faust," Part I. Literature.

### Spanish.

PROFESSOR BEARDSLEY.

FALL TERM—Fourth Year. Knoflach, Spanish Simplified; Worman's First Book; La Independencia; Cortina, Arafaro.

WINTER TERM—Fourth Year. Knoflach, Spanish Simplified; Ramsey's Spanish Reader; Estabanez, Un Drama Nuevo; Alarcon, El Capitan Veneno, El Final de Norma.

SPRING TERM—Fourth Year. Knoflach, Spanish Simplified, Ramsey's Spanish Reader; Butler's Colloquial Phrase Book; Cervantes' Don Quixote; Galdo's Marionela, Electra, Doña Perfecta.

Supplementary Reading—Valera, Pepita Jimenez, El Pájaro Verde; Valdes, José; Carter and Malloy, Cuentos Castellanos; Tellez, Don Gil de las Calzas Verdes; Carrion y Aza, Zaragueta; Moratin, Elsi de las Ninas; Mme. F. J. A. Darr, Hand Book of Spanish Words and Phrases; Cortina, Fortuna, y Otros Cuentos; Temprano y Con Sol, y Otros Cuentos.

### History.

PROFESSOR LEWIS.

FALL, WINTER AND SPRING TERMS—First Year. *American History.* The history and government of the United States.

FALL, WINTER AND SPRING TERMS—Second Year. *Ancient History.* History of the ancient nations. The government, institutions, literature and arts, especially of Greece and Rome, are subjects of study; also the chief events of the early Middle Ages down to the death of Charlemagne.

FALL AND WINTER TERMS—Fourth Year. *English History.* The History of England, with special reference to social and political developments.

### Science.

PROFESSOR FRARY.

FIRST YEAR—*Physiography.* The course aims to give the student a rational explanation of many of the great geographical facts, and to illustrate how man's manner of life is affected by his geographical surroundings. Trips are taken to the various points of interest in the locality, and stress is laid upon practical application of the main

principles, photographs and lantern slides being used in addition to the field trips to illustrate the text. One half-year, four hours.

**FIRST YEAR—*Physiology*.** It is the aim of this course to give a thorough study to the human body in an elementary way. The course will be accompanied by some laboratory work, such as the examination of prepared slides and some of the more simple reactions of food products. Second half-year, four hours. Text, Walker.

**SECOND YEAR—*Zoölogy*.** This course aims to present in a helpful way the more important facts of Zoölogy. The study is carried on from a natural history standpoint and classification is not slighted. The course is made the more interesting by field trips and laboratory exercises. One half-year, four hours. Text, Davenport.

**SECOND YEAR—*Botany*.** A general study of plant life along ecological lines, embracing a general view of life relations and certain fundamental principles of physiology and morphology. Field trips and laboratory work will be used to illustrate the text. Enough classification will be done to familiarize the pupils with use of key and principles. Second half-year, four hours. Text, Bailey.

**FALL, WINTER AND SPRING TERMS—Third Year. *Physics*.** The course includes a general elementary study of the principles of Physics, accompanied by laboratory work.

Third year academy, three recitations and one laboratory period per week throughout the year. Text, Carhart and Chute. Laboratory manual, Crew and Totnell. Fee, \$1.00 per term.

**FALL, WINTER AND SPRING TERMS—Fourth Year. *Chemistry*.** This course, while offered in the Academy, is in reality more than a mere beginner's sketch of Chemistry. The work is on a par with that of the best high schools and fits the student for advanced work in the college. The non-metals, metals and their reactions and application to daily life are studied in full. No attempt is made to include a smattering of Organic Chemistry, and the latter portion of the year's laboratory work is devoted to quantitative experiments rather than to qualitative analysis. These experiments are such as illustrate combining equivalents, methods of molecular and atomic weight determination and so forth.

Fourth year academy, two recitations and two laboratory periods per week throughout the year. Text, Jones. Fee, \$3.00 per term.

**English.****PROFESSOR CONKLING.**

FALL, WINTER AND SPRING TERMS—First Year.  
*Grammar.*

FALL, WINTER AND SPRING TERMS—Second Year.  
*English.*

FALL, WINTER AND SPRING TERMS—Third Year.  
*English.*

FALL, WINTER AND SPRING TERMS—Fourth Year.  
*Rhetoric.*

**Mathematics.****PROFESSOR HELLER.**

FALL, WINTER AND SPRING TERMS—First Year. *Algebra.* Through Fractional Equations.

FALL AND WINTER TERMS—Second Year. *Algebra.* From Fractional Equations through Quadratics of Two Unknowns.

SPRING TERM—Second Year. *Plane Geometry.*

FALL, WINTER AND SPRING TERMS—Third Year. *Plane and Solid Geometry.*

FALL, WINTER AND SPRING TERMS—Fourth Year. *Review of Mathematics.* Required only of students in Scientific Department. Elective in all other departments.

---

**SUB-ACADEMIC.**

MRS. JESSIE FITCH Cox, in charge of Sub-Academic.

MRS. W. E. BEARDSLEY, Instructor in Sub-Academic.

....., Tutor in Sub-Academic.

CHRISTINA MACLEAN, Instructor in Drawing.

The continuation of the Junior Preparatory Department is deemed unadvisable under the present conditions and our present equipment. But owing to the fact that many young people who desire to complete a classical education are not prepared to enter the Academy, a Sub-Academic Department will be conducted, offering the education usually presented in the public schools in the fifth,

sixth, and seventh grades, and leading up to the opening year in the Academy.

Fifth Year.—Reading—Fifth Reader and Supplementary Reading. Spelling. Arithmetic—Elementary. Geography—Maury's Manual. Beginner's American History. Grammar—Reed & Kellogg's Graded Lessons. Writing. Music. Drawing.

Sixth Year.—Reading—Supplementary. Spelling. Arithmetic—Advanced. Geography—Complete Maury's Manual. Grammar—Reed & Kellogg's Higher English. Texas History. Writing. Music. Drawing.

### **Seventh Year.**

---

Practical Arithmetic .....	4 hours through the year.
American History.....	4 hours through the year.
English Grammar.....	4 hours through the year.
Reading.....	2 hours in Fall Term.
Composition and Declamation.....	1 hour through the year.
Physical Geography.....	2 hours in Winter, 4 hours in Spring.
Spelling and Writing .....	3 hours in Fall, 2 hours in Winter.

---

### **NORMAL SCHOOL.**

---

It is the purpose of this department to give professional training to those expecting to teach. Besides and in application of the class instruction, pupils will be required to visit the various classes, study carefully the methods there employed, and do some teaching in the lower grades themselves, under the direction of the professor of Pedagogy. Great importance is attached to an arrangement whereby actual work in the school-room may be done by those preparing for the profession. Instruction is given in the following branches:

## Course of Study—Normal.

FIRST YEAR.	SECOND YEAR.	FOURTH YEAR.	
		Hrs.	Hrs.
English (Grammar), Science (Zoölogy), Mathematics (Algebra), Elementary Psychology, First Term.	English (Rhetoric), General History, Mathematics (Algebra), Methods of Teaching (English in the Grades) 4 Drawing and Color Work, 2	English (Rhetoric), Mathematics (Plane Geometry), History of Education, Advanced Psychology, Manual Training (Industrial Sewing) 4	English (Rhetoric), American History, Science (Physics), Special Methods of Teaching 4
English (Grammar) Science— First half, Zoölogy, Second half, Botany, Mathematics (Algebra), Elementary Psychology, Second Term.	English (Rhetoric), General History, Mathematics (Algebra), Methods of Teaching (Arithmetic in the Grades), Drawing and Color Work, 2	English (Rhetoric), Mathematics (Plane Geometry), History of Education, Advanced Psychology, Manual Training (Raffia and Wicker Work) 4	English (Rhetoric), American History, Science (Physics), Research Work and Ap- plication of "Method", Study, 4
English (Grammar), Science (Botany), Mathematics (Algebra), Elementary Psychology, Third Term.	English (Rhetoric), General History, Mathematics (Plane Ge- ometry), Methods of Teaching (History, Geography, and Nature Study in the Grades), (Constructive Drawing and Designing), 2	English (Rhetoric), Mathematics (Solid Geometry), History of Education, Advanced Psychology, Manual Training (Woodwork), 4	English (Rhetoric), American History, Civil Government, Practice Teaching, 4

Students in this school are allowed a large latitude of elective work. If the student has completed any of the work outlined above, subjects may be chosen, in their stead, from either the collegiate or academic courses.

## MILITARY SCHOOL.

J. FRANK Cox, Commandant.

Military drill is required of each young man rooming in Cadet Hall unless disqualified by physical disablement, and must be regarded as a part of the regular work and obligatory except in such cases as may be excused by the Faculty. Drill is likewise open to day students who may desire to avail themselves of the privilege, when provided with uniforms.

### Course of Instruction.

Instruction is twofold: practical, which includes excursions, target practices and all the drills for squad, company, and battalion formations; and theoretical, which includes the study and recitation of infantry tactics and military science by an officers' school and a "non-com" school.

### Advantages Offered.

1. In dress.—Extravagance and foppishness are avoided. Habits of economy, neatness, and the preservation of clothing are cultivated, and the obnoxious idea that dress makes the man is eradicated.

2. In cost.—By reason of uniformity in clothing, boarding, and all arrangements, the school is saved some expense, the benefits of which accrue to the patrons.

3. In time.—All duties are so systematized that time can not be squandered.

4. In physical development.—The regular life promotes health, and the drill gives ease of manner and graceful carriage.

5. In habits.—The military system inculcates promptness, method, neatness, persistence, obedience, self-command, and self-dependence.

6. In manhood.—Officers are selected from the cadets, promotion being dependent upon the records made for ability and general manhood in the recitation rooms and upon the grounds and streets.

7. In general.—In the inculcation of due respect for authority, and high regard for honor, truthfulness, and devotion to duty; in the

ever-present idea of responsibility for trusts, and in the demand for the exercise of patience, close observation, promptness in decision, firmness, discretion, and the exercise of every virtue that goes to make a man.

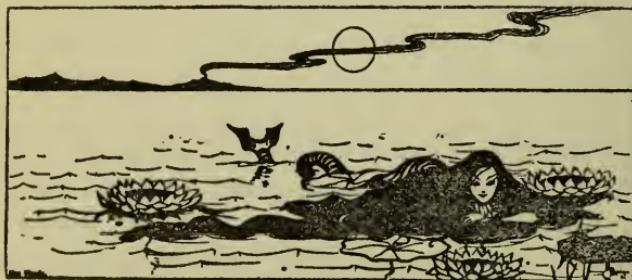
### Outfit.

Cadets must each be supplied with the articles named below, plainly marked with owner's name: one pillow, two pillow-cases, pair of blankets, two pairs of sheets, one comforter, four dress shirts, two night shirts, bag for soiled clothes, underclothing suitable for the season, four towels, four napkins and ring, umbrella, toilet articles, blacking-brush, needles and thread, handkerchiefs, cuffs, collars, and hosiery. It is better to provide all these things at home before coming to the University.

### Uniforms.

The young men are required to have a uniform of West Point gray, consisting of fatigue coat, cap, and trousers. This makes a good, nice suit of clothes, and with proper care will last the whole season. Provisions for taking measurements and making uniforms to order as soon as school opens are arranged by the institution. In view of this arrangement, parents are requested not to provide unnecessary civilian clothes.

Cadets are not allowed to dispose of uniforms during the year.



## ORGANIZATION OF BATTALION.

## Officers and Non-Commissioned Officers.

COMMANDANT COX.....	Major
W. F. CHARBONNEAU.....	Adjutant
WILLIAM SCARBOROUGH.....	Sergeant-Major

## Company A.

T. T. GARRARD.....	First Lieutenant
C. J. SMITH.....	Second Lieutenant
A. H. MONTGOMERY.....	First Sergeant
ALEX. SMITH.....	Second Sergeant
J. RALPH GRAHAM.....	Third Sergeant
E. P. KILGORE.....	
J. S. PAYTON.....	
WILLIAM S. HORN.....	Corporals
T. HEROLD CORKILL.....	

## Company B.

JEROME BENTLY.....	Second Lieutenant
OTIS BLACKWELL.....	First Sergeant
HARRY THORNBERRY.....	Second Sergeant
HUGH BURRUS.....	
WILL ISBELL .....	Corporals
ASHTON WOODRUFF .....	
CLAUDE CHEATHAM.....	Bugler

## CONSERVATORY OF MUSIC.

---

EUGENE E. DAVIS,

(Imperial Conservatory, Vienna, Austria), Director of the Piano,  
Pipe Organ, and Harmony.

MRS. LOUISE C. DAVIS,

(Pupil of Murio-Celli), Voice Culture.

.....  
Violin, Mandolin, and Guitar.

It is primarily the aim of our School of Music to create a desire for thorough conscientious work and to provide every facility for training with a view to a professional career in some branch of the art, as well as the pursuit of its studies for cultural purposes.

The atmosphere of an institution is a most important contribution towards the development of its students. The culture and moral tone to be found in a university are the greatest helps to a student pursuing a musical education. Students in our Conservatory of Music have not only all the advantages which it provides, but those of the entire institution as well.

Diplomas will be granted upon the completion of any of the courses, viz., the Teachers' Course, the Virtuoso Course, and the Bachelor of Music Course.

The ensuing year will be marked by one of the most significant strides ever made by the University, in the establishment of a Conservatory upon a firm and permanent basis.

Mr. Davis, the Director, comes to us with a thorough knowledge of the Art, having studied and been associated with the best masters and artists in this country and in Europe. His experience has been all along the line of progression of a student's career, beginning with the primary steps and gradually leading over the field to the highest attainments. His reputation insures us a Music Department which will be equal to the best in this country. Mr. Davis is an artist, a composer, and a Director of national reputation.

As a practical musical director and careful leader in the great work of a successful conservatory, he has proved, on many occasions,

his ability to cope with the vicissitudes of such a position, and we look forward with pride to the future of our Music Department.

Ably assisted by his estimable wife, who is known throughout the Northern and Eastern States as a vocalist of rare attainment, Mr. Davis will make this department represent a completeness not unrivaled anywhere in the South. The several branches of vocal music will be taught under the heads of Notation, commonly called "note reading"; Voice Drill, or the culture and development of a vocal tone over a mere pitch sound; Choir Drills and Chorus Rehearsals.

The instrumental branches will include all of the orchestral instruments—such as violin, viola, violoncello, flute, clarinet, cornet (and other reed and brass instruments), piano, organ, etc.; the science of music, harmony, composition, and history. Every effort will be made to place the students in a musical atmosphere and encourage them not only to reach an ordinary accomplishment in this art, but to attain the highest development and success as artists or masters. No branch will be adopted that cannot be utilized to this requirement.

The opportunity for the study of the various forms of the more advanced grades of choral music, the oratorio, etc., will be offered to students.

A liberal literary education will be demanded. The world is now more than filled with music teachers whose education is so limited that they do not possess the necessary thinking power to represent, in a business way, their interest, and this we recognize as a fatal mistake. Calculating that a student is a fairly talented person, but highly educated, we can rely on his accomplishing more in a given time than the one who has much talent, but little thought. The higher the plane of one's intellectuality, the higher and more thoroughly accomplished will be the musician we graduate.

Mr. Davis brings to us the best methods known, and is himself a teacher of the first rank; therefore we can confidently assure all that what is to be accomplished can be done within the walls of this University as well as by going abroad. The students will find by degrees such a musical network woven around them here that only one result is possible—that is, success.

Every pupil is under the immediate supervision of the Director,

who assigns all studies and examines the monthly work done. None but teachers of known ability and skill will be retained.

Special attention will be paid to beginners in the study of music, a teacher having charge of children's work. Many talented pupils fail in the higher attainments for the want of a more carefully prepared foundation.

Aside from the regular weekly recitals given by the pupils, students will have afforded them occasional opportunities of hearing some of the great artists.

The opening concert for the fall of 1905 will be given by the Music Faculty near the opening of the term.

### Course in Piano.

*First Grade.*—Loeschhorn, Op. 84 and Op. 65; Easiest Sonatinas by Clementi and Kuhlau; Instructive and Pleasing Pieces and Duets by the best composers.

*Second Grade.*—Sonatinas and Rondos by Clementi, Kuhlau, Steibelt, Dusseck, Haydn, Mozart, and Beethoven; Technical Exercises of more complicated nature, to be transposed through all keys; Scales in thirds and sixths in contrary motion and with different accents; Czerny, Op. 299; Suitable Pieces.

*Third Grade.*—Cramer, Selected Studies; Gradus ad Parnassum, Clementi-Tausig; Czerny, Op. 740; Heller Studies, Op. 47; Two-part and Three-part Inventions by Bach; Sonatas by Haydn, Mozart, and two or three of the easier Sonatas by Beethoven; Mendelssohn's Songs Without Words; Sonatas and Rondos by Hummel; Doering's Octave Studies; Suitable Pieces.

*Fourth Grade.*—Gradus ad Parnassum, Clementi-Tausig; Fugues and Fuguettes by Bach; Selections from Chopin's Preludes, Mazourkas, Valses, and Nocturnes; Kullak's Octave Studies; Jensen Studies, Op. 32; Heller Studies, Op. 46, Book II.; Sonatas by Beethoven and pieces suitable.

*Fifth Grade.*—Selected Studies by Mendelssohn, Moscheles, Raff, Henselt, and Chopin; Selections from Bach's Well-tempered Clavichord; Schumann's Symphonic Studies; Beethoven's Concertos and Sonatas; Concertos of Hummel, Saint-Saens, etc.; Selected Studies from Liszt, etc.

### Vocal Music.

*Preparatory Grade.*—Lessons in Physiology of Voice and Organs of Respiration; Position of Mouth and Throat; Special Drill in Breathing Exercises for Developing and Combining Chest, Medium, and Head Tones; Exercises for Flexibility and Trills; Study of Scales, major and chromatic; Abt's Singing Tutor, Part II. Vocalizes by Concone; Easy Ballads and Songs.

*Intermediate Grade.*—Practice of Major and Minor Scales, continued; Study of Embellishments, Trills, etc.; F. Lutjen's Kehlfertigkeit, Book I.; Marchesi's Elementary Studies; Vocalizes by Concone, Sieber, and Panofka; Songs of more difficult grade and easy Operatic Selections; English Ballads, Sacred Songs and Selections from Mendelssohn, Schubert, etc.

*Advanced Grade.*—Exercises for Flexibility and Embellishments, continued; Special Practice on Trills; Marchesi's Progressive Studies; Vocalizes by Sieber, Panofka, and Bordesi; Selections from Operas and Oratorios; the more difficult English, German, French, and Italian Songs.

### CONDITIONS.

In order to complete the course in Instrumental and Vocal Music, the candidate must have taken a course of two years in Harmony and completed a prescribed course in the History and Theory of Music. Students will also be required to give at least one recital of modern and classic composition, playing same from memory.

Candidates for graduation from Vocal Music will be required to sing at sight in any key phrases within the compass of their voices and without the aid of any instrument.

### Pipe Organ.

Pupils of this Department will have the advantage of practice upon one of the splendid instruments which the city affords, and opportunity will be given for a training which shall fit the pupil to operate either a large or small instrument.

It is the aim of this course to give instruction in solo playing, and also to fit the pupil for practical church and concert work. To this end, those taking Organ as a special study are advised to begin early the study of Harmony.

An elementary knowledge of Music and moderate skill as a performer is necessary before the work on the Pedal Manual is begun. Students must have had two years' work in the regular Piano-Forte, or its equivalent before they will be accepted as pupils in Pipe Organ.

The course is modified and adapted to suit the needs of the individual. Work is required in pedal obligato, hymn tune playing, study in registration, accompaniment both for chorus and the solo voice, and more advanced work in solo form, including preludes and postludes suitable for church services, and later the fugue and sonata forms.

### Violin.

#### PREPARATORY COURSE.

*First Year.*—The correct mode of holding the violin and bow; Scales and Easy Exercises in all major and minor keys from the works of Otto Langey, C. H. Hennings, Whichtle, De Beriot, Pleyel, and Dancla, with solos, duets, and quartets compatible with the above-named studies.

#### INTERMEDIATE COURSE.

*Second Year.*—S. Keyser, Books II. and III.; Dancla, Book II.; Whichtle's Practical Violin School; De Alard, Schradick, Classical Duets for Violin and Piano; Solos and Duos from such writers as Eichberg, De Beriot, Singlee, Mozart, Beethoven, Donizetti, etc.

#### COLLEGIATE COURSE.

*Third Year.*—Kreutzer's Forty-eight Studies; Fiorillo's, Gavinee's and Rhode's Studies; Spohr, De Alard, David, De Beriot, with Concertos by Viotti, Rhode, Kreutzer, David, and De Beriot; Sonatas from Bach, Mozart, and Beethoven; Solos from Mendelssohn, Leonard, Vieuxtemps, Paganini, and others.

### Viola, Violincello, Guitar, and Mandolin.

Beginning with Scales and Easy Exercises, and pursuing a similar course to the Violin.

### Harmony and Counterpoint.

In this Department the instruction will be arranged as in the following course:

*First Term.*—Theory and Rudiments, including Scales, Intervals, and Audition.

*Second Term.*—Harmony and Training of the Perceptive Faculties.

*Third Term.*—Harmony continued.

*Fourth Term.*—Material of Music; Composing in the lighter forms, as Rondos, Waltzes, etc.

*Fifth Term.*—Harmony and Composition, continued.

*Sixth Term.*—Norris' Counterpoint; Musical Analysis; Study of Musical Form; Writing in various styles.

### **Orchestra Class.**

Students studying stringed instruments (brass or wood) in sufficiently high grades are required to attend the frequent preparatory lessons, rehearsals, and performances of the Orchestra Class.

### **Chorus Class.**

All pupils having sufficient voice for choral work and the necessary ability in sight reading are expected to join the Choral Class and attend its frequent rehearsals and occasional performances.

It is our purpose to make the Orchestra Class and the Chorus Class attractive features of the department.

### **Certificates and Diplomas.**

This institution will grant certificates or diplomas, reciting what branch or branches of music the student has completed according to prescribed courses, and that they have otherwise complied with the regulations governing the granting of the distinction.

### **Recitals by Pupils.**

During the year recitals will be given every other Friday afternoon by members of the Music Department. These prove exceedingly beneficial, not only in accustoming the student to public performance and in acquiring ease and self-control, but also in acting as an incentive to more careful preparation of all the work. Concerts are also given from time to time by members of the Music Faculty.

The advantage of securing a musical education in connection with a high-grade College which furnishes literary advantages and an atmosphere of culture will be appreciated by thoughtful students and

patrons who recognize the fact that musicians who aspire to honorable rank at this day must be prepared to take and sustain their positions by the side of college-bred men and women. The Music Department is, therefore, in the fullest sympathy with the literary work of the College, and in every way endeavors to commend its value to the student of music.

### Musical Kindergarten.

There is a universally acknowledged difficulty attending the instruction of a child in the rudiments of music by the methods used in the past, and, at the same time, every teacher realizes the importance of the early instruction.

Too often music has been made to a child a most dreary and uninteresting study and the difficulties of securing under those circumstances the proper application have discouraged many parents and students. To meet the necessities involved here, numerous kindergarten methods and systems have been evolved, which makes the subject one of entertainment and interest to the child, and at the same time thoroughly grasps and provides the necessary instruction and training for a musical career.

The Conservatory will be equipped with such system, and a practical Kindergartner will be in charge, and the children's course outlined, and classes formed.

### TERMS OF TWELVE WEEKS.

#### PIPE ORGAN.

One Lesson per week. . . . . \$18.00

A small additional fee will be charged for the organ used during practice.

#### PIANO-FORTE.

Private Lessons—one hour per week. . . . . \$30.00

Private Lessons—two half-hours per week. . . . . 30.00

Private Lessons—one half-hour per week. . . . . 18.00

Class Lessons may be specially arranged for.

#### VOICE CULTURE.

Charges same as for Piano-forte.

## RENT OF PIANO.

1 hour per day, per term.....	\$2.75
2 hours per day, per term.....	5.00
3 hours per day, per term.....	6.75
4 hours per day, per term.....	8.00

## VIOLIN.

Private Lessons—one hour per week.....	\$24.00
Private Lessons—two half-hours per week.....	24.00

## HARMONY, COMPOSITION, ETC.

Private Lessons same as Piano.

In classes of six or more, two lessons per week, per term.....	\$3.00
--	--------

## SIGHT-SINGING AND CHORUS CLASSES.

A nominal fee will be charged merely to cover the expenses of supplying the necessary music.

By special arrangement, a limited number of pupils may receive lessons from the Director's Assistant at a slightly reduced rate.



## DEPARTMENT OF ORATORY AND ELOCUTION.

W. W. HEATHCOTE, M.A. . . . . Director.  
LÉONORA BECHLER, } . . . . . Assistants.  
MARIE LOWELL, }

## Design.

It is the object of this Department to afford opportunities for training to all who desire to become proficient in the various lines of elocution and oratory. Its departments are so thorough and complete that invaluable assistance may be given to public readers, clergymen, lawyers, lecturers, teachers, and to all others wishing a practical knowledge of the art of expression.

There is to-day a growing demand for good readers—a demand that can only be met by true artists. The people have been educated in this particular till only the best selections, artistically and forcefully rendered, will satisfy. The preparation of readers who will meet this demand and the training for practical reading and speaking are the constant aim of our work.

There is also a growing demand for competent teachers of elocution among our various schools and colleges. To meet this want, teachers must be thoroughly trained. They must not only be able to read well, but something more is required—they must understand and be able to teach the principles of their art.

Again, there are those who have *special* faults of delivery, as vocal defects, imperfect enunciation, hesitancy in speech, etc. All these faults receive the greatest care, and in almost every instance may be eliminated. We also offer to students most desirable courses in physical culture, the purpose being to develop health, grace, and strength.

Here also students have an opportunity for the critical and expressive study of selections of the best literature, thus increasing their familiarity with correct forms and stimulating the taste for further work.

Time is devoted to the preparation and delivery of orations, to extempore speaking, parliamentary law and argument.

In brief, we offer to students the opportunity to develop and strengthen all the powers of the voice, body, and mind, and to bring these powers into perfect harmony, so that all forms of sentiment may be adequately expressed.

### The Physical Element.

While man is a physical being, conscious of his own existence and experiences, he comes in contact with the outer world and with his fellow-men only through the medium of the senses. The soul has its seat in a material body, and it can express itself and receive impressions only through material means. Knowledge reaches man at five points: taste, smell, touch, sight, and sound, and he knows and is known only through these mediums.

A speaker employs only the last two, and the impression produced is the result of what he presents to these senses.

Ideas cannot be conveyed like material objects; we present only *signs* of ideas. All expression in itself, then, is some form of symbolism, and accuracy in presentation is necessary to accurate impression. Each word, tone, position, and movement has a meaning; when it is used a definite impression is produced, whether the mind conceives a different idea or not.

Before one can become a finished speaker he must develop and perfect these physical instruments; he must make them true and responsive, and bring them into harmonious relation with the soul.

### The Voice.

Voice is the greatest instrument of expression, and is generally the most neglected. Correct breathing is fundamental. Many faults can be traced directly to improper control of breath. A complete system of breathing adapted to the weakest lungs is employed, and no student can be injured, as the exercises are practical and physiological. For the purposes of speech, *control* of breath is taught. Singing-tones are also used for the purpose of securing greater sweetness, clearness, and range to the voice in speech. All possible modulations are practiced; purity, variety, and power are attained. As a result strained and artificial voices are unknown among our pupils. We believe that no school can surpass our work in this line.

### **Gesture.**

The fundamental principles of gesture are clearly and carefully presented for the purpose of enlarging the pupil's knowledge of his capabilities; and exercises in pantomimic action will be utilized as aids in the further development of the agents of expression. The study of gesture has been frequently, and not without good reason, condemned, because in most instances the process used has been purely mechanical and imitative, but through the methods here employed, the pupil is led to a consciousness of power and freedom of movement, preserving withal both spontaneity and individuality.

### **Articulation, Pronunciation, Etc.**

Proper articulation is necessary to distinct utterance; without it mere force will not enable an audience to understand a speaker easily. Correct pronunciation is requisite to good reading and speaking. Careful drill is given upon the elementary sounds and upon difficult combinations, so that they may be used with ease. Pronunciation of words commonly mispronounced, syllabication, accentuation, foreign terms in ordinary use pronounced, and attention given to those small matters which stamp the polished speaker.

### **Analysis, Interpretation and Rhythm.**

The instruction in this department is made equally prominent and thorough.

A careful analysis and interpretation of prose and poetry are indispensable to all correct reading and recitation. These include the meaning, the motive, the treatment, the principal and subordinate ideas—their relation to each other—the climaxes of the various parts, as also the climax of the whole, the grouping, the phrasing, etc. Rhythm, although no part of thought, is generally considered something like an accompaniment. Few persons are aware of the value of this movement of words, and how much meaning may be communicated by it, through the ear, without reference to the sense of words. The lines of great authors are never without the qualities of sound and movement.

### **Reading.**

To be an intelligent reader is no mean attainment. Practically considered, it is an aid to every other subject belonging to a course of instruction. To be an artistic reader is a beautiful accomplishment. It is the constant purpose of the University to make natural and acceptable readers and reciters. This is not done mechanically, but by the growth of the pupil's capabilities of impression and expression.

### **Shakespeare.**

Shakespeare's plays will be analytically and critically read, and scenes will be studied expressively, and prepared by the pupil for platform delivery.

### **Psychology.**

The study of Psychology is a part of the school work, and must be taken by those intending to graduate. The thoughtful student will find in this department an ample field for investigation of what to him is the most important fact in life—the fact of his own consciousness. It is not sufficient to know that we think, feel, move, but we wish, in so far as we may, to know how and why these things are. No subject, in certain of its phases, is more important to the student of expression than this branch.

### **Course in Public Speech.**

In addition to the regular course of instruction there will be a class in Public Speech, embracing extempore and argumentative address. The average speaker has usually sufficient thought material, and his failure or partial success in delivery is generally due to a lack of logical arrangement of his ideas, meagerness of language in which to clothe them, and an untrained medium by which to express them. Proper training will enable the mind to cull from the storehouse of memory all the materials bearing upon a subject and definitely classify them for delivery.

### **Pedagogics.**

Students will be examined and instructed in the theory of teaching. Our object is not only to have them learn, but to enable them to express their knowledge to others. This is valuable to all, whether

they contemplate teaching or not, as it is practically a *résumé* of the work and gives the student a comprehensive view of the whole plan of correct methods.

### Course of Instruction.

The course of instruction naturally divides itself into Technical Training, and the utilization of this acquired capability in the expression of Thought and Feeling.

### Synopsis of the Course.

1. Vocal Culture.	10. Expressive Reading.
2. Articulation and Pronunciation.	11. Impersonation.
3. Gesture and Pantomime.	12. Dramatic Art.
4. Anatomy and Physiology.	13. Bible Reading.
5. Psychology.	14. Analysis, Interpretation, and Rhythm.
6. Conversation.	15. Dialect Reading.
7. Extempore Speech.	16. Criticism.
8. Shakespeare, Critically and Expressively.	17. Recitation.
9. Sight Reading.	18. Oratory.
	19. Parliamentary Law.

### Terms.

Private Lessons, two 30-minute lessons per week, per term . . .	\$20.00
Class Lessons (three or four in class), 2-hour lessons per week, per term, each . . . . .	13.50
Class Lessons (ten or more in class), 2-hour lessons per week, per term, each . . . . .	5.00



## PHYSICAL CULTURE.

MARTHA GALLOWAY.

There is a rapidly increasing recognition of physical education as an essential factor in modern education and a growing demand for thoroughly qualified teachers and specialists in this field. The work of physical education should not be detached from, but closely related to the other activities and interests of the pupils. The instruction in matters relating to health and hygiene is of vital importance. No field of education needs teachers of broader, general, and technical training, finer personality and character, sounder judgment, keener sympathies, and more unselfish devotion to professional ideals and human service than this rarely understood field of activity, which, for lack of a better name, is called physical education.

The work in this department covers four years and is designed and planned to secure a good carriage and to correct irregularities of body, such as uneven or stooping shoulders, carrying the head forward or to one side, etc.; also to produce ease and grace. The work is based upon the best Swedish and American systems, and consists of dumb-bells, wands, Indian clubs, pole and bar-bells, with such heavy apparatus work as the individual students can, without injury to themselves, perform.

Graduate certificates will be given pupils who complete the four years' course.

### Course of Study.

*First Year.*—Free Gymnastics, Light Gymnastics (Wands, Dumb-bells, Indian Clubs), Swedish Day's Order, Tactics, Principles of Delsarte.

*Second Year.*—Free Gymnastics, Advanced Light Gymnastics, Swedish Gymnastics, American Tactics, Delsarte.

*Third Year.*—Free Gymnastics, Pantomime, Swedish Still Bars, Parallel and Horizontal Bars, Dutch Horse, Rings, Ladder.

*Fourth Year.*—Free Gymnastics, Poles, Bar-bells, Fencing, Original Club Work, Advanced Apparatus Work.

Students completing this course may graduate from the Normal Course in one year.

## Teachers' Normal Course.

### REQUIREMENTS FOR ADMISSION.

Applicants to the Normal Department must be at least eighteen years old, have an education equivalent to that given by a high school, must be in good physical condition, and have no organic defect nor serious functional disorder.

### REQUIREMENTS FOR GRADUATION.

Candidates must take a two years' course, and must pass a satisfactory examination of at least 70 per cent, in both theory and practice.

## Course of Study.

### JUNIOR YEAR.

<i>Theory.</i>	<i>Practice.</i>
Anatomy.	Swedish Gymnastics.
Physiology.	Indian Clubs.
Physics.	Wands.
Histology.	Dumb-bells.
Biology.	Parallel Bars.
Psychology.	Horizontal Bars.
Swedish Gymnastics.	Horse.
	Rings.
	Ladder.

### SENIOR YEAR.

<i>Theory.</i>	<i>Practice.</i>
Physiology.	Swedish Gymnastics.
Applied Anatomy.	Foil Fencing.
Pedagogy.	Athletics.
Physiology of Exercise.	Practice in Teaching.
Antropometry.	Advanced Apparatus Work.
Pelvic Anatomy.	

## Tuition.

Private Instruction (2 lessons per week), per term . . . . .	\$20.00
Class Instruction (4 lessons per week), per term . . . . .	15.00
Class Instruction (2 lessons per week), per term . . . . .	10.00
Normal Course (4 lessons per week), per term . . . . .	25.00

## FINE ARTS.

CHRISTINA MACLEAN.

*First Year.*—Drawing in Pencil, Charcoal, or Crayon, from Casts, Geometric Forms, Flowers, and Plants. Arrangement and Drawing of Simple Still Life Studies. Flowers and Plants in Water Colors.

Second Year.—Drawing from the Antique Hands and Feet, Sketching from Nature, Studies from Still Life in Water Color and Oil.

### **Arrangement of Studies.**

*Third Year*.—Drawing from the Antique Studies from Still Life in Water Color and Oil. Sketching from Nature and Life.

*Fourth Year.*—Drawing and Painting from Still Life and Life Models. Sketching in Oil and Water Colors.

A Course in the History of Art is taken up with each year's work.

A special course is arranged for those who do not wish to take the regular Drawing work in Decorative Art, Pyrography, Wood Carving, and Basket-making. The studio is furnished with a fine selection of studies in this line of work, especially in water colors from the Northern and Eastern studios.

### Term of Twelve Weeks.

This includes any branch except Portraiture. Lessons in this, one dollar per lesson.



THE  
MEDICAL DEPARTMENT  
OF  
Fort Worth University  
Catalogue 1904-5  
Announcements 1905-6

---

**BOARD OF DIRECTORS.**

JAMES ANDERSON, M.D.	President
F. D. BOYD, M.D.	Vice-President
BACON SAUNDERS, M.D.	Secretary and Treasurer
W. R. THOMPSON, M.D.	
FRANK GRAY, M.D.	

**BOARD OF ADVISORS.**

J. M. FORT, M.D.	Paris, Texas
J. T. WILSON, M.D.	Sherman, Texas
FERDINAND HERFF, M.D.	San Antonio, Texas
D. F. STUART, M.D.	Houston, Texas
A. W. FLY, M.D.	Galveston, Texas
J. E. GILCREEST, M.D.	Gainesville, Texas
SAM R. BURROUGHS, M.D.	Raymond, Texas
P. C. COLEMAN, M.D.	Colorado, Texas
J. D. BURCH, M.D.	Aurora, Texas
A. L. JUSTICE, M.D.	El Paso, Texas

## FACULTY.

GEORGE H. MACADAM, A.M., D.D. . . . . President of the University

**Emeritus Professor.**

### Active Professors.

BACON SAUNDERS, M.D., LLD. . . . . 426 Henderson Street  
Professor of Surgery and Clinical Surgery.

IRA CARLETON CHASE, A.M., M.D. . . . . 9th and Houston Streets  
Professor of Anatomy and Secretary of the Faculty.

EDGAR DOAK CAPPES, M.D. . . . . Corner Sixth and Taylor Streets  
Professor of Physiology and Diseases of the Brain and Nervous  
System.

ERNEST L. STEPHENS, M.D. . . . . 1008 West Weatherford Street  
Professor of Materia Medica and Therapeutics, and Lecturer  
on Clinical Medicine

WILLIAM A. DURINGER, M.D. . . . . . 812 Galveston Avenue  
Professor of Genito-Urinary and Rectal Diseases.

WILLIAM BEVERLEY WEST, M.D. . . . . 1361 Pennsylvania Avenue  
Professor of Dermatology and Syphilology.

ROBERT B. GRAMMER, M.D. . . . . . 200 Taylor Street  
Professor of Diseases of Children.

### Lecturers, Demonstrators and Assistants.

HON. GEO. T. WEST. . . . . 1361 Pennsylvania Avenue  
Lecturer on Medical Jurisprudence.

WM. R. THOMPSON, M.D. . . . Cor. Henderson and Pennsylvania Avenue  
Clinical Lecturer on Eye, Ear, Nose, and Throat.

FRANK D. BOYD, M.D. . . . . . 1513 Hemphill Street  
Lecturer on Hygiene.

GOODRIDGE V. MORTON, A.B., M.D. . . . Cor. Second and Lamar Streets  
Lecturer and Assistant in Obstetrics.

RUFUS CHAMBERS, M.D. . . . . . 1417 East Twentieth Street  
Lecturer on Minor Surgery and Bandaging.

LEONIDAS A. SUGGS, M.D. . . . . . 420 Broadway  
Lecturer on Histology.

CLAUDE O. HARPER, M.D. . . . . . 710 Florence Street  
Lecturer on Physiology.

W. ERNEST CHILTON, M.D. . . . . . Ninth and Houston Streets  
Demonstrator of Anatomy.

JOHN D. COVERT, M.D. . . . . . 615 Calhoun Street  
Demonstrator of Histology, Pathology, and Bacteriology.

LYMAN A. BARBER, M.D. . . . . . 520 Wheeler Street  
Assistant Demonstrator of Anatomy.

WILLIAM ROUNDS, M.D. . . . . . 827 Cannon Avenue  
Assistant to Chair of Gynecology and Surgical Diseases of Women.

HOWARD J. REGER, M.D. . . . . . St. Joseph's Infirmary  
Lecturer on Pharmacy.

R. B. WEST, M.D. . . . . . 421 Wheeler Street  
Lecturer on Life Insurance Examinations and Assistant to the  
Chair of Pediatrics.

JOHN H. McLEAN, A.B., M.D. . . . . . 316 Henderson Street  
Assistant to the Chair of Principles and Practice of Medicine and  
Clinical Medicine.

GUY G. FRARY, Sc.B. . . . . . Fort Worth University  
Lecturer on Physics and Demonstrator of Chemistry.

MARQUIS E. GILMORE. . . . . . North Fort Worth  
Lecturer on Materia Medica.

## ANNOUNCEMENT.

---

The twelfth annual session of the Medical Department of the Fort Worth University will begin on October 2, 1905, and will close on April 6, 1906. In this connection the Faculty wishes to extend thanks to its able Board of Advisors, its alumni and its friends in the profession, in general, whose strong adherence has made the past session one of the most successful in the history of the institution.

It is not claiming too much to say that it looks forward to the approaching session with increased confidence, knowing that its facilities for teaching the great science and art of medicine have never been so complete and so modern as at the present moment. It realizes, too, that its efforts to elevate the standard of the profession in this section of the country, which have been kept up persistently since the organization of the school, are recognized and appreciated wherever the name of the school is known. It realizes further that the unapproached success of its graduates and undergraduates before State and Territorial medical examining boards is a matter of record and therefore indisputable and positive evidence that the course given in the Medical Department of the Fort Worth University answers every reasonable requirement.

It is gratifying, too, to be able to announce that the same Faculty, which has gained for the school its present degree of success, still remains unchanged by death or resignation. Years of experience in teaching have made it only the more competent. How to teach and what to teach is largely a matter of experience.

In examining the following pages many important changes will be observed. Many of the courses have been greatly extended and some new ones have been added to the curriculum; the chair of pediatrics has been permanently filled; a clinical course on orthopædic surgery will be given by the professor of anatomy; a course of lectures on life insurance examinations will be delivered by a capable instructor; a course on clinical diagnosis by modern methods will be given by the present professor of chemistry; the great resources of the city for clinical material will be made more profitable to students than ever before by utilizing it according to a new and greatly improved system, etc. In fact,

nothing has been left undone to make this school the very best of its class.

Prospective students should bear the following important facts in mind: It is the oldest independent school in the State. It is a consistent member of the Southern Medical College Association. It has a four-year graded course. All students pay alike and enjoy the same privileges. Its entrance examination conforms to the regulations laid down by the college association. Its laboratories are well equipped, and the courses given in them equal those in the best Eastern schools. It is the only school in the city and no division of clinical and anatomical material with other schools is necessary. Members of the graduating classes serve on various clinical staffs and gain practical experience by treating many of the patients and doing some of the minor operations under the direction of the professor in whose clinic they belong. The new method of preparing dead-house material permits dissecting to be conducted during the entire term and it is always done in the daytime. It admits women on an equal standing with men. The college building is located in the center of the city of Fort Worth, a thriving, healthful city, where living is cheap and the hospitality of its people unequalled.

### **Beginning of Session.**

The opening lecture of the next regular session occurs Monday, October 2, 1905. The term closes on Thursday, April 6, 1906. Every student is urged, when possible, to be present at the beginning of the session, as the loss of the initial lectures of a course frequently leads to a failure to master thoroughly the subsequent lectures.

### **College Building.**

This is located at the corner of Seventh and Rusk Streets. Every street-car line passes within a block of its doors. It is built of pressed brick, two stories high, 100x100 feet square, fitted with gas, electric lights, and water, and is a model of its kind.

The first floor is divided into a pathological laboratory, museum, dean's office, and office of chief of clinic, a hospital waiting-room for clinics, dark-room and a splendid amphitheater, with a seating capacity for more than two hundred, a janitor's room, bone-room, lavatories, etc.

On the second floor is the main lecture-room, arranged with comfortable, raised seats, in circular amphitheater form, to accommodate three hundred students; likewise Faculty room, study room, anatomical and chemical laboratories.

### **Microscopical Laboratory.**

The microscopical laboratories occupy two large rooms on the first floor, fitted with special lighting arrangements. They are large and abundantly supplied with tables, cases, microscopes, microtomes, incubators, sterilizers, culture media, stains, etc., with all the materials used in the study and demonstration of histology, pathology, and bacteriology.

The laboratory is furnished with many drawings and a large collection of mounted sections, as well as with gross pathological material from Vienna, New York, and other great autopsy centers.

### **Chemical Laboratory.**

The chemical laboratory occupies a room 40x48 feet, and is connected with a coat room. It contains seats for one hundred and twenty men; also demonstration desks, and movable slate boards for chemical lectures. It is furnished with cabinet desks fitted with drawers, lockers, reagents, water, gas, and other individual chemical necessities. There is also a store-room, preparation table and hood. The laboratory has an ample supply of the best chemical apparatus obtainable in American and German markets. The equipment of the laboratory, for its size, is equal to that of any other medical school in America. It accommodates, in double section, one hundred and ten men, with a separate working outfit. The magnificent equipment of this laboratory is an earnest of the spirit of the Medical Department for thorough work in the fundamental branches of medicine.

### **Anatomical Laboratory.**

The dissecting room, 40x40 feet, is situated on the second floor of the medical building. It is thoroughly lighted by electricity and gas, fitted with lavatories, coat-racks and twenty dissecting tables. These accommodate, with six to each subject, one hundred and twenty men at one

time. In practice, the dissecting is done in the morning and afternoon sections, and there are never more than four at work on any subject at one time. The walls of the room are filled with large original drawings from dissections. The room is furnished with a raised and seated rostrum and provided with a blackboard for section illustration, instruction, and quizzing. The bone-room has received a large addition to its already liberal supply of disarticulated bones. They are well classified and are loaned for the study of osteology. A deposit with the dean's clerk of \$2.00 secures a ticket for the use of the bones according to the printed rules issued with the ticket.

The laboratory is provided with a new and much improved method of preservation and injection, and will furnish an abundant supply of the most excellently preserved material ever placed before a dissecting class. Both the laboratory and the subjects are practically odorless. Dissecting can be conducted in the warmest weather, and the room will be comfortably heated in the winter season, so that the work can be uninterruptedly and thoroughly pursued, without exposure or injury to health. The laboratory contains models of the peritoneum, preserved dissections of the extremities, and special surgical regions from which demonstrations are given section classes. There is likewise a supply of articulated skeletons, charts, cross-sections; hardened brains, entire, dissected, and in serial section; bones, colored, showing graphically the attachments of muscles, and other guides and helps for the study of the subject. The laboratory will be open four hours five days in the week with the constant attendance of instructors. Nights will be reserved for special work for those desiring to pursue special or surgical anatomy.

### Clinical and Anatomical Resources.

The amount of material available to any school for clinical and anatomical instruction depends (1) upon the commercial activity of the city in which it is located, and (2) whether or not this material has to be divided with other schools. In the latter instance this school is most fortunate for being the only medical school in Fort Worth: it has complete and undivided control of all the material of this character which is available. The city has now a population approximating 50,000, and is growing at an unprecedented rate. Her large packing-

houses give employment to five thousand people daily, while many other thousands find employment in her great stockyards, mills, elevators, railroads, and street-car lines, and in scores of public and private enterprises. This wealth of material will be handled with greater advantage than ever before, every student of the more advanced classes being brought into more intimate contact with each individual case than in any previous year.

### **Clinical Instruction.**

The clinical work of the school falls into two divisions: (1) Clinical lectures, and (2) Practical daily clinical instruction.

*Clinical Lectures* are delivered to Juniors and Seniors Monday, Wednesday, and Friday afternoons of each week, in the college clinical amphitheater, and Saturday forenoon, at St. Joseph's Infirmary on Medicine, Gynecology, and Surgery.

*Practical Clinical Instruction* is given Juniors and Seniors daily at the college clinic. These classes are divided into six sections. Each section has a month's daily service in each of the following clinics: (1) Medicine, (2) Surgery, (3) Gynecology, (4) Genito-Urinary, (5) Eye, Ear, Nose, and Throat, (6) Dermatology and Pediatrics. Assistants, who are taken in rotation from the graduating class, will have charge of each of these clinics. Students, under supervision, will personally examine, diagnose, and treat patients.

This plan of practical work is in keeping with the high standards maintained in the didactic and laboratory instruction in this school. Such personal clinical work is to practical medicine what laboratory instruction is to chemistry, pathology, and anatomy.

This clinical instruction will be one of the strongest features of the school for the coming year, and will give advanced students and graduates a practical experience, possible in but few schools in the South, and which will do much to insure success in the earlier years of practice.

### **Free College Dispensary.**

The outdoor department of the college furnishes a large and varied clinic. This is a clinic for the poor, open every day in the week, medicines being furnished to the patients free of charge. Members

of the Faculty will hold clinical lectures on fixed days of the week, the patients being cared for in intervening days by chiefs-of-clinic. Minor operations are performed in the larger clinical amphitheater. Opportunity is here offered students to bring patients to the college dispensary at any time when desiring free consultation or operation, the only restriction being that such patients shall be unable to pay for services. Our clinic records show that the number of patients exhibited in the past is rarely equalled by any school save those in a few of our larger cities.

### St. Joseph's Infirmary.

This hospital is an imposing brick and stone structure, situated on the south side of the city and within easy reach of the college. Cars, on either Main or Houston streets, pass every seven minutes and convey the students direct to the Infirmary.

The main building has a capacity of two hundred beds, with modern equipment for the handling of private, railroad, and city patients.

There is a second building with a capacity of fifty beds, including a modern hospital amphitheater especially designed for the purpose of clinical instruction, and is arranged in such a way that every student is able to observe, in detail, the work presented. It is in charge of physicians and surgeons connected with the Faculty.

Here are given weekly surgical clinics, illustrated by cases from the wards, and the most important operations in general surgery and gynecology are performed.

### The Protestant Sanitarium.

The Protestant Sanitarium, a private institution, in charge of members of the Faculty, is situated on the corner of South Main Street and Railroad Avenue, within a block of the Union Station. The grounds front three hundred feet on South Main Street and extend back two hundred feet. They are beautified with shrubbery, fountains, and flowers. The building has a frontage of two hundred feet with ample gallery, giving patients opportunity for exercise and sunshine.

The capacity of the Sanitarium is thirty beds with no wards. The sterilizing and operating rooms are adapted in every particular for modern surgery.

Advanced students, when occasion arises, will be invited to witness major operations in this new and modern institution.

### The Benevolent Home.

This institution is situated in the northeastern part of the city, easily accessible by the Samuels Avenue street-cars. It provides an early home for orphans and homeless infants. The buildings accommodate seventy-five beds. The physician in charge is connected with the Faculty, and constantly furnishes clinical material in the study of diseases of children, diseases of the skin, etc.

### The Delia Collins Rescue Home.

This institution is under the supervision of the Cumberland Presbyterian Church, and is situated on the South Side, near the Hospital. The Home has three main buildings, with a capacity of fifty beds, including a special building for obstetrical and surgical work. Opportunity is here offered for practice in obstetrical diagnosis and for acquiring practical experience by attendance upon cases of labor. The Home is in charge of the professor of obstetrics and his assistant. Students are arranged into small classes, and, in the past, each advanced student, during his medical course, has been afforded the opportunity of attending from ten to fifteen cases of labor. The great number of primiparæ in this institution, oftentimes necessitating the use of forceps in delivery, affords excellent opportunity to make a practical study of the mechanism of labor in all its details.

## Curriculum.

### FIRST YEAR.

#### ANATOMY—OSTEOLOGY:

*Lectures*, 3 hours a week. Prof. Chase.

*Dissecting*, 10 hours a week. Dr. Barber.

*Special Section Work, Quizzes and Demonstrations*, during the entire school year.

#### CHEMISTRY:

*Lectures and Demonstrations*, 3 hours a week. Prof. Frary.

*Laboratory Work*, 4 hours a week. Demonstrator. Prof. Frary.

---

The scholastic year is divided into two semesters, the first preceding the Christmas holidays; the second following the Christmas vacation.

**NORMAL HISTOLOGY:**

*Lecture*, 1 hour a week. Dr. Suggs.

*Quiz*, 1 hour a week.

**BACTERIOLOGY:**

*Lecture*, 1 hour a week during entire term. Prof. Howard.

**PHYSIOLOGY:**

*Lectures and Demonstrations*, 2 hours a week. Dr. Harper.

**MATERIA MEDICA AND PHARMACY:**

*Lectures*, 2 hours a week. Dr. Gilmore.

*Quiz*, 1 hour a week.

*Lectures on Pharmacy*, 2 hours a week. Dr. Howard J. Reger.

**SECOND YEAR.****ANATOMY:**

*Lectures*, 3 hours a week. Prof. Chase, Drs. Chilton and Barber.

*Lectures*, on Anatomy of the Special Senses. Prof. Gray.

*Dissecting*, 10 hours a week. Dr. Chilton.

*Special Section Work and Quizzes*, during the entire school year.

**CHEMISTRY:**

*Lecture and Demonstration*, 1 hour a week. Prof. Cook.

*Quiz*, 1 hour a week.

*Laboratory work*, 2 hours a week. Demonstrator, Prof. Frary.

**NORMAL HISTOLOGY:**

*Laboratory work*, 9 hours a week during October and November.

Demonstrator, Dr. Covert.

**BACTERIOLOGY:**

*Laboratory work*, 9 hours a week during February and March.

Demonstrator, Dr. Covert.

**PHYSIOLOGY:**

*Lectures and Demonstrations*, 3 hours a week. Prof. Capps.

**THERAPEUTICS:**

*Lectures*, 2 hours a week. Prof. Stephens.

*Quiz*, 1 hour a week.

**HYGIENE:**

*Lecture*, 1 hour a week. Dr. Boyd.

**SURGERY:**

*Lectures and Demonstrations*, 2 hours a week on Minor Surgery, Surgical Dressings and Bandaging. Dr. Chambers.

## THIRD YEAR.

## THERAPEUTICS:

*Lectures*, 2 hours a week. Prof. Stephens.

*Quiz*, 1 hour a week.

## PRACTICE OF MEDICINE:

*Didactic Lectures*, 2 hours a week. Prof. Anderson.

*Clinical Lecture*, 1 hour a week. Prof. Anderson.

*Clinical Lecture*, 1 hour a week. Dr. J. H. McLean.

*Clinical Lecture*, 1 hour a week. Prof. Stephens.

## PHYSICAL AND CLINICAL DIAGNOSIS:

*Clinical Lecture*, 1 hour a week. Prof. Cook.

## SURGERY:

*Lectures and Demonstrations*, 2 hours a week. Prof. Saunders.

*Clinical Lecture*, 1 hour a week. Prof. Saunders.

*Clinical Lecture*, 1 hour a week. Prof. Walker.

*Surgical Clinics*, St. Joseph's Infirmary. Prof. Saunders.

*Quizzes*, 2 hours a week. Dr. Gilmore.

## PATHOLOGY:

*Lectures*, 2 hours a week. Prof. Howard.

*Laboratory work*, 9 hours a week during December and January.  
Demonstrator, Dr. Covert.

## OBSTETRICS:

*Lectures*, 3 hours a week. Prof. Feild.

*Lectures*, 2 hours a week. Dr. Morton.

*Clinical work*, Women's Home, St. Joseph's Infirmary, etc., Dr.  
Morton.

## GYNECOLOGY:

*Lecture*, 1 hour a week. Prof. Thompson.

*Clinical Lecture*, at College Dispensary, 1 hour a week. Prof.  
Feild.

*Surgical Clinic and Clinical Lecture*, 1 hour a week, at St. Jo-  
seph's Infirmary. Prof. Thompson.

## DISEASES OF CHILDREN:

*Lecture*, 1 hour a week. Prof. Grammer.

*Clinical Lecture*, at College Dispensary, 1 hour a week. Prof.  
Grammer.

*Quiz*, 1 hour a week. Dr. R. B. West.

## GENITO-URINARY AND RECTAL DISEASES:

*Lecture*, 1 hour a week. Prof. Durerger.

*Clinical Lecture*, at College Dispensary, 1 hour a week. Prof. Durerger.

## DERMATOLOGY AND SYPHILOLOGY:

*Lecture*, 1 hour a week. Prof. West.

*Clinical Lecture*, at College Dispensary, 1 hour a week. Prof. West.

## FOURTH YEAR.

## SURGERY:

*Lectures and Demonstrations*, 2 hours a week. Prof. Saunders.

*Clinical Lecture*, 1 hour a week. Prof. Walker.

*Surgical Clinics*, St. Joseph's Infirmary. Prof. Saunders.

*Special Lectures*, Surgical Pathology. Prof. Beall.

## ORTHOPEDIC SURGERY:

*Clinical Lecture*, 1 hour a week. Prof. Chase.

## PRACTICE OF MEDICINE:

*Didactic Lectures*, 2 hours a week. Prof. Anderson.

*Quiz*, 1 hour a week. Prof. Anderson.

*Clinical Lectures*, 3 hours a week. Prof. Anderson and Dr. J. H. McLean.

*Clinical Lecture*, 1 hour a week. Prof. Stephens.

## PATHOLOGY:

*Lecture*, 1 hour per week, first semester. Prof. Howard.

## OBSTETRICS:

*Lectures*, 2 hours a week. Prof. Feild.

*Lectures*, 2 hours a week. Dr. Morton.

*Clinical work*, at Women's Home, St. Joseph's Infirmary, etc. Dr. Morton.

*Quiz*, 1 hour a week.

## GYNECOLOGY:

*Surgical Clinics and Clinical Lecture*, 1 hour a week, at St. Joseph's Infirmary. Prof. Thompson.

*Clinical Lecture*, 1 hour a week, at College Dispensary. Prof. Feild.

## DISEASES OF THE BRAIN AND NERVOUS SYSTEM:

*Lecture and Clinic*, 1 hour a week. Prof. Capps.

## DISEASES OF CHILDREN:

*Lecture*, 1 hour a week. Prof. Grammer.

*Clinical Lecture*, at College Dispensary, 1 hour a week. Prof. Grammer.

*Quiz*, 1 hour a week. Dr. R. B. West.

## EYE, EAR, NOSE, AND THROAT:

*Lectures*, 2 hours a week during ehtire term. Prof. Gray.

*Operative Course*, at conclusion of term. Prof. Gray.

*Clinical Lectures*, 3 hours a week. Dr. W. R. Thompson.

## DERMATOLOGY AND SYPHILOLOGY:

*Lecture*, 1 hour a week. Prof. West.

*Clinical Lecture*, 1 hour a week, at College Dispensary and Hos-  
pital. Prof. West.

## GENITO-URINARY AND RECTAL DISEASES:

*Lecture*, 1 hour a week. Prof. Duringer.

*Clinical Lecture*, 1 hour a week, at College Dispensary. Prof.  
Duringer.

## MEDICAL JURISPRUDENCE:

*Lecture*, 1 hour a week, first semester. Hon. Geo. T. West.

## PHYSICAL AND CLINICAL DIAGNOSIS:

*Clinical Lecture*, 1 hour a week. Prof. Cook.

## LIFE INSURANCE EXAMINATION:

1 hour a week, second semester. Dr. R. B. West.

**Anatomy.**

Professor . . . . . IRA CARLETON CHASE, A.B., M.D.

Demonstrator . . . . . W. ERNEST CHILTON, M.D.

Assistant Demonstrator . . . LYMAN A. BARBER, M.D.

The course in anatomy extends over two years and includes lectures, demonstrations, quizzes, and dissection.

*First year men* are given three lectures a week on osteology, syndesmology, and arthrology. Additional quizzes will be arranged for throughout the session. The bone-room will furnish an excellent supply of disarticulated bones to assist in rendering the study practical.

The complete and careful dissection of the upper and lower extremities is required.

*Second year men* receive three lectures a week on myology, angi-  
ology, and visceral, regional and surgical anatomy, including the anat-  
omy of the brain and nervous system. Quizzes will be arranged for  
throughout the session. The complete and careful dissection of the  
abdomen, thorax, neck, and head is required.

*Dissection* begins with the first week of the school. First and sec-  
ond year men dissect ten hours a week in separate sections in the day-  
time. Special attention is given to furnishing odorless and perfectly  
preserved and injected dissecting material, so that work can be con-  
ducted in the warmest weather, and, when cold, in a comfortably heated  
room. Outlines for the dissection of each part are furnished students.  
At the end of every week a practical examination is held over the  
week's dissecting, a record of which is preserved. The work is thor-  
oughly systematized and a demonstrator is constantly in attendance.  
Abundant material is furnished and classes put to work in the order  
of matriculation as rapidly as they can be properly supervised.

### Chemistry and Toxicology.

Professor . . . . . WILLIS G. COOK, B.S., M.D.

Demonstrator . . . . . GUY G. FRARY, B.S.

The aim of this department is to give a thorough study of those  
principles of physics and chemistry which are specially applicable to  
the study and practice of medicine. The laboratory facilities in chem-  
istry are such as will give the student a practical grasp of the subject  
otherwise unattainable. The laboratory work in chemistry proceeds in  
a parallel manner with the lecture work and is required of all students.  
Only those who have satisfactorily completed the first year's work in  
chemistry will be allowed to enter upon the second year's work in this  
subject.

*Physics*.—The work in physics presupposes a knowledge of the  
elements of this subject as given in the usual high school text-books. A  
lecture course with demonstrations and recitations of two hours a week  
during the first term will be required of all the first year students. Spe-  
cial attention is given to those parts of the subject bearing more direct-  
ly upon the practice of medicine.

*Chemistry.*—The first year's work in chemistry consists of two lectures, one quiz and four hours' laboratory work a week throughout the whole session. The course begins with the elementary considerations of general inorganic chemistry. The principles of chemical action, concepts, nomenclature, the principal non-metallic elements, the metals, acids, bases, and various chemical compounds are studied. The course includes practical chemical manipulation, a study of the most important chemical reactions, and the general principles of qualitative analysis relating to the separation and detection of the metals. The course concludes with an introductory study of organic chemistry. Carbon and its compounds are taken up and a study made of the important hydrocarbon series and their compounds relating to medicine. Each student has a desk and locker to himself and individual work is emphasized.

*The second year's work* in chemistry consists of one lecture and one quiz, with two hours' laboratory work per week throughout the year. The course begins with a brief review of organic chemistry as given to the first-year students. The work then will consist of a study of the chemistry of fats, carbohydrates and proteids; the digestive juices and their enzymes; the digestive products, their origin, destination, and influence of disease on same. Qualitative and quantitative examinations of the stomach contents are made by each student. The chemistry and tests of bile and blood are likewise carefully studied. The composition of milk and its chemical analysis are given attention.

Urine, including its normal and pathologic study, is taken up the latter part of the year. Qualitative and quantitative estimates of normal and pathologic constituents are made by each student. Special attention is given to the detection of albumen, sugar, and casts. Microscopic and spectroscopic methods are used in all cases when applicable.

### **Histology, Pathology and Bacteriology.**

Professor . . . . . Wm. R. HOWARD, A.B., M.D.

Demonstrator . . . . . JOHN D. COVERT, M.D.

Lecturer on Histology . . . . . LEONIDAS A. SUGGS, M.D.

Two courses are required in each of these branches.

*First year Histology* consists of one lecture and one quiz each week for the entire course. A mid-term examination just prior to the holi-

days and one at the end of the course is given. Those who fail to pass the mid-term examination will be given an examination covering the entire course at the close of the session.

*First year Bacteriology* consists of one lecture a week for the entire session. These will include definition, classification, morphology, methods in sterilizing cultivations, with a general systematic study of special micro-organisms, preparatory to the applications of the methods in the laboratory during the second year.

*Third year Pathology* consists of one lecture a week in general pathology during the entire session preparing the student for the laboratory course given during the same year.

*Fourth year Pathology* will consist of twelve lectures given during the first term on special pathology, illustrated when convenient by post-mortem work.

*Second year Histology* consists of laboratory periods three afternoons a week for eight weeks. The course is arranged to give the student a practical knowledge of microscopical anatomy. Each student is furnished with a microscope and necessary reagents for his own use. The specimens given out become the property of the student, and on completion of the course he will have a collection of about one hundred and twenty-five specimens, which may be used for future study or review. Each student is required to make drawings and write descriptions of each specimen studied. Instruction is given by demonstration and quizzes. Especial attention being given to the identification of unknowns.

*Second year Bacteriology* consists of laboratory periods three afternoons a week for eight weeks. Starting with the preparation of the various media, the student takes up staining, examination in hanging drop, making of pure cultures, etc. One-half of the course is given to the study of the most important nonpathogenic germs. When the student has acquired caution and skill in handling germs the principal pathogenic germs, as those of anthrax, malignant œdema, tetanus, tuberculosis, pneumonia, glanders, diphtheria, typhoid, gonorrhœa, cholera, etc., are studied in the same manner as the nonpathogenic germs. Especial attention is given to animal experiment and bacteriologic diagnosis as by microscopic examination of sputa for tuberculosis, discharges for gonorrhœa, Widal's agglutination and diazo-reaction tests.

No pains are spared to make the course of the most practical nature for the student.

*Pathology.*—Practical work consists of three laboratory periods a week for eight weeks. During this time the student receives over one hundred and fifty specimens which become his own property. The specimens include nearly all of the pathologic changes in the body as a result of various diseased conditions. The idea of the course is not to make a pathologist of each student, but to give him the necessary knowledge properly to understand and diagnose diseases. Instruction consists of demonstrations, lectures, quizzes, and the diagnosis of unknowns. Every student is required to write a description of each specimen studied.

### Physiology and Neurology.

Professor . . . . . EDGAR DOAK CAPPS, M.D.

Lecturer . . . . . CLAUDE O. HARPER, M.D.

These subjects will receive careful attention, and every effort made to interest the student by attractive illustrations and demonstrations. Our laboratory is furnished with apparatus adapted to the latest technic, insuring instructive demonstrations of physiological phenomena. The graded course will cover the first two years, and will consist of six lectures a week.

Dr. Harper will deliver to *first course students* three lectures a week on cell formation, after which the proximate principles will be taken up, then circulation, respiration, digestion, and absorption.

To *second course students* three lectures a week will be delivered by Prof. Capps, on the special secretions and the physiology of the nervous system, followed by lectures on embryology. In consideration of the great importance of the physiology of the heart and circulation, Prof. Capps will give a series of special lectures on this subject in which thoroughness will be the constant aim. The course will be thorough and complete, and in addition to regular didactic lectures, advantages will be taken of demonstrations on lower animals, for which suitable apparatus and material are provided. Regular weekly quizzes will be held for the purpose of thoroughly impressing the subject in hand.

Prof. Capps will deliver one lecture a week on diseases of the

brain and nervous system, the diagnosis of disease of the nerves being first taken up, followed by lectures on the more common diseases of the brain and nervous system. Clinical lectures will be delivered at the College Dispensary.

### **Materia Medica and Therapeutics.**

Professor . . . . . ERNEST L. STEPHENS, M.D.

Lecturer on Materia Medica . . . MARQUIS E. GILMORE.

Lecturer on Pharmacy . . . . HOWARD J. REGER; M.D.

Two lectures a week will be given on materia medica and pharmacy to first-year students. A complete collection of crude drugs and their preparations is provided, and students will be required to study the origin, physical properties, description, preparation, dosage, antagonists, incompatibilities, synergists, etc. Students will be required to pass upon these studies before the work of the second year is begun.

The course in materia medica and therapeutics will be supplemented, beginning this year, by a special course of two hours a week in pharmacy by Dr. Howard J. Reger. This will be of great practical value to medical students, and, at the same time, accommodate a class of students who expect to become practical pharmacists. Our laboratories of chemistry, toxicology, histology, bacteriology, pathology, and pharmacology, together with the botanical laboratory in the department of literature and science of the University where medical students may take work without extra expense, afford opportunities unexcelled in the Southwest.

Two lectures a week will be given to second and third year students in therapeutics, and therapeutical agencies other than drugs, treating of the physiological action of remedies applied as a means of curing disease; considering the latest additions, serums, antitoxins, and animal extracts.

*Second year students* will study the physiological action of all drugs and be required to pass a creditable examination at the end of the term.

*Third year students* will study therapeutical application of all remedial agents, and are expected to finish materia medica and therapeutics by the end of the term. They will also be required to write pre-

scriptions and prescribe for patients in the clinics. This class being divided into sections enables them to make physical examination of many patients. Examination is held on therapeutical actions of drugs and remedial agents.

Demonstrations of the X-ray as a diagnostic and a therapeutic agent and its practical application in the treatment of malignant and cutaneous diseases will be given during the session by the professor.

Lectures will be illustrated in the medical clinic held one hour each week at the College Dispensary.

### **Principles and Practice of Medicine and Clinical Medicine.**

Professor . . . . . JAMES ANDERSON, M.D.

Clinical Lecturer . . . . ERNEST L. STEPHENS, M.D.

Assistant Lecturer . . . . JOHN H. MCLEAN, A.B., M.D.

The aim of this course is to give the student a practical acquaintance with disease. With the preliminary training afforded the students of this school in anatomy, pathology, physical and clinical diagnosis, the student will be expected to accomplish much in this important subject. Prof. Anderson gives to third and fourth year students two didactic lectures and one quiz per week, one clinic at the college dispensary and one clinical conference at the City Hospital Saturday morning. Dr. J. H. McLean will hold a medical clinic once a week at college dispensary. Prof. Stephens holds one clinic a week at the college dispensary. Ample opportunity will be given the student to make physical examination of patients at the clinic and bedside. Acute and chronic cases are always abundant for this department and proficiency in examination, diagnosis, and treatment is attained by all students. It is the endeavor of those in charge of this department to teach the students the importance of accuracy of observation and practice in the interpretation of clinical facts. The systematic and thorough examination of patients is insisted upon. Students are required to write up their case histories, which are discussed and criticised by the class and the professors in charge of the clinic. Bedside instruction forms a valuable part of this course.

Separate examinations are given to the third and fourth year students at the close of the session.

**Ophthalmology, Otology, Rhinology and Laryngology.**

Professor . . . . . FRANK GRAY, M.D.

Clinical Lecturer . . WILLIAM ROBERT THOMPSON, M.D.

The course in this department is to be made more comprehensive than ever before. More than twice the number of hours will be devoted to the subject and many new features introduced. Professor Gray will give two didactic lectures per week during the entire term to students of the fourth year, others optional, covering fully diseases of the ear, eye, nose, and throat. In addition to this he will give, at appropriate periods during the term, the anatomy of the organs of special sense and at the close of the term will give an operative course upon the cadaver, illustrating all the principal operations done in this special field.

Clinical Lecturer Dr. W. R. Thompson will hold three clinics per week at the college or St. Joseph's Infirmary, upon patients suffering from diseases of the organs mentioned and during these clinics will give practical instruction in the use of the ophthalmoscope, and the methods of examining the nose, throat, and ear. In this clinic the students are to be brought in direct personal contact with the patients and when possible will be permitted to treat cases and do some of the minor surgical operations under the direction of Dr. Thompson.

The final examination will be held at the close of the term for students of the graduating class.

**Surgery.**

Emeritus Professor . . . . . ELIAS J. BEALL, M.D.

Professor . . . . . BACON SAUNDERS, M.D., LL.D.

Clinical Professor . . . . . AMOS C. WALKER, M.D.

Lecturer . . . . . R. CHAMBERS, M.D.

Assistant . . . . . MARQUIS E. GILMORE, M.D.

*Principles and Practice of Surgery* will be taught third and fourth year men in two didactic lectures weekly by Prof. Saunders. One lecture a week to the junior class on the Principles of Surgery. One lecture a week to the senior class on the Practice of Surgery. Personal attention will be given to impressing the methods of work upon each student.

During the term, Emeritus Professor E. J. Beall will deliver a

series of clinical and didactic lectures on some important surgical subjects.

*Clinical Surgery.*—Two surgical clinics will be held by Prof. Saunders weekly, one at the College Dispensary and one at St. Joseph's Infirmary, besides special clinics to be announced from time to time.

One clinical lecture a week, besides special clinics, will be delivered at the College Dispensary by Prof. Walker.

*Operative Surgery.*—The Professor of Surgery will present to the senior class an operative course on the cadaver, during February and March, covering all the principal operations in surgery.

*Minor Surgery and Bandaging.*—Dr. R. Chambers will give to second year students two lectures and demonstrations weekly on minor surgical dressings and bandaging. Examination on these subjects will be held at the close of the second term.

Dr. Marquis E. Gilmore, Quiz Master in Surgery, will follow closely the didactic and clinical work with a series of weekly review quizzes to the third and fourth year classes throughout the term.

### **Obstetrics and Clinical Gynecology.**

Professor . . . . . JULIAN T. FEILD, M.D.

Lecturer . . . . . G. V. MORTON, M.D.

Instruction in obstetrics consists of lectures, recitations, conferences, and clinical teaching; four lectures and one quiz each week during the entire session will be given to the third and fourth year students. An additional hour, devoted to clinical gynecology, will be given by Prof. Feild this year. The valuable practical part of the course is the large number of lying-in cases, which each student attends at the Delia Collins Rescue Home. The senior class is divided into small sections, each section thereof containing one or two junior students, and each section in turn having charge of labor cases at the Home under the direction of Dr. Morton. In this manner each student will have personally attended ten to fifteen cases of labor prior to his graduation. These sections are formed in accordance with the matriculation of the students. Students thus become familiar with the mechanism of labor in all its details, the technic of asepsis in labor cases, the use of forceps and repair of lacerations, post partem hemor-

rhage and care of patient during pregnancy and the puerperium. The writing, reporting, and discussing case histories forms an important and valuable part of this course.

Written examinations are required of the third and fourth year students at the close of the year.

### **Gynecology and Surgical Diseases of Women.**

Professor . . . . . FRANK D. THOMPSON, M.D.

Clinical Assistant . . . . . WILLIAM ROUNDS, M.D.

The course in gynecology and surgical diseases of women is a graded one, covering all the third and fourth year.

*Third year students* will receive a course of didactic lectures, one hour each week, on the organs, functions, and diseases peculiar to women, the various methods of examination, instruments for making correct diagnoses, gynecological therapeutics, and the technic of gynecological operations. One weekly gynecological clinic is also given by Professor Thompson at the College Dispensary. A written examination on this work will be held at the end of the third year.

*Fourth year students* will be offered a course in clinical and surgical gynecology one hour each week at St. Joseph's Infirmary. This work will be open to third as well as fourth year students, but fourth year men alone will be given the opportunity to personally examine and treat a large variety of conditions. They will, in rotation, form the staff in surgical gynecology during a series of illustrative operations. Students will be examined at the end of the fourth year on their work in practical diagnosis and on the operative and non-operative cases presented.

### **Genito-Urinary and Rectal Diseases.**

Professor . . . . . WILLIAM A. DURINGER, M.D.

Professor Duringer will deliver one lecture and hold one clinical conference at the College Dispensary each week during the entire session. The etiology, pathology, diagnosis, and treatment of diseases of the genito-urinary organs and rectum are thoroughly studied in this course. The methods of using instruments, such as the endoscope, cystoscope, bougies, irrigators, instillations, etc., are well demonstrated.

This popular clinic is always well supplied with abundant material. Prof. Duringer selects his staff of assistants from the senior class. Both third and fourth year students are required to take the examination at the close of the session.

### **Medical Jurisprudence.**

The instruction in legal medicine consists of one lecture a week for twelve weeks and will include all the subjects which are usually embraced under this head. The duty of the physician to the State and his rights as medical expert and as witness in legal cases will be explained. Questions on this subject are always asked by the Texas State Board of Medical Examiners, and this course will be found a suitable preparation for examination by that board. An examination is required of the fourth year class at the completion of the lectures.

### **Dermatology and Syphilology.**

Professor . . . . . WILLIAM BEVERLEY WEST, M.D.

The study of dermatology is one of great difficulty and must be largely clinical. Prof. West will give one didactic and one clinical lecture a week, demonstrating the various common and the more uncommon skin diseases. The student will have full privilege of studying methods and results of treatment. Syphilis will be shown in every stage with the most improved treatment for each stage.

### **Diseases of Children.**

Professor . . . . . ROBERT B. GRAMMER, M.D.

Lecturer . . . . . R. B. WEST, M.D.

The course of instruction in Pediatrics extends throughout the third and fourth years. It consists of one lecture, one clinic, and one quiz weekly, emphasizing particularly the digestive affections and exanthemata of early life. The course for the coming year will be peculiarly rich in clinical instruction. Material from the Children's homes, the dispensary and private practice will be largely drawn upon to make the course of great practical value. Examinations will be held at the end of the third and fourth years.

### Orthopædics.

Clinical Lecturer.... Ira Carleton Chase, A.M., M.D.

One clinical lecture each week for third and fourth year men will be devoted to orthopædic surgery. The course will emphasize methods of examination and symptomatology of such diseased conditions as lead to deformity, with the principles of treatment—hygienic, mechanical, and surgical—for their prevention and correction. The application of plaster of Paris dressings, braces, jackets, jury-masts, collars, etc., will be practically demonstrated. The subjects considered will embrace diseases of the spine, including spinal curvature, diseases of the joints, deformities due to nervous origin, congenital and acquired dislocations and bony deformities of the extremities such as knock-knee, bow-legs, and club-foot. Examination on work covered will be required of students of senior class.

### Physical and Clinical Diagnosis.

Lecturer and Demonstrator.... W. G. Cook, B.S., M.D.

Both *third and fourth year students* are required to take this course. The course as a preliminary training to that of internal medicine is recognized as one of the most important subjects in the curriculum. Beginning with the inspection, palpation, percussion, and auscultation of the normal body, the student then examines morbid organs by the same method and finally takes up the complete physical examination of the body. This course is largely a demonstration course, but outside reading is assigned and the students are frequently quizzed. Case assignments are given to the students of the senior class. The various clinics of the school will furnish abundant material for the thorough chemical and microscopical examination of urine, feces, stomach contents, sputa, blood, and abnormal discharges and secretions of the body. This work will be done by the students under the direction of the demonstrator. All aids and modern methods in clinical diagnosis will be fully utilized. It is the endeavor to make this course a practical one in physical and clinical diagnosis. One hour a week is devoted to this subject for the entire school year and written examinations are given at the end of the year to the third and fourth year students.

### Life Insurance Examinations.

Lecturer. . . . . R. B. WEST, M.D.

The natural direction of a course of this character is along the lines of physical diagnosis, but it will be the aim of the lecturer to teach, first, in what the signs of health consist as manifested by physical characteristics of the individual and their deviation within physiologic limits from a fixed standard; second, the signs and symptoms indicating pathological conditions, their significance and prognostic value from a standpoint of longevity; third, the relationship existing between the examiner and the company he represents, the agent and the applicant, respectively, etc. The course will be thoroughly practical, and will be illustrated by all the clinical material necessary for demonstrations. At the close of the course an examination on the work covered will be required of senior students.

### Hygiene.

Lecturer. . . . . FRANK D. BOYD, M.D.

*Hygiene.*—This subject is thoroughly covered by Dr. Boyd's course of lectures to second year students. The course includes the principles of private and public hygiene, municipal sanitation, water supply, sewerage system, quarantine, prevention of epidemics, and the duties of municipal health officers. Problems relating to health and care of school-children, and the hygienic construction of private and public buildings are well covered by this course. The importance of all measures of preventive medicine are emphasized. One hour a week for the entire session is devoted to this important and interesting branch. An examination is held at the close of the session.

### Special Lectures.

A series of special didactic and clinical lectures will be delivered at various times throughout the year by the members of the Advisory Board. The subjects and dates of these lectures will be announced from time to time. The Advisory Board is a body composed of fifteen Texas physicians; loyal friends of the Medical Department of Fort Worth University; foremost in the Texas medical profession, and earnest supporters of thorough and advanced medical education. These

gentlemen are invited to address the students on their annual tour of inspection and suggestion. The Faculty takes pleasure in thus enabling the students to meet and appreciate the sterling qualities of some of the leading representative men of the State, whose acquaintance in after years will be of great value.

### Admission.

All applicants for matriculation who declare themselves, in writing, not to be candidates for the degree of Doctor of Medicine from this institution, are admitted to matriculation as special students, upon evidence of their moral and scholastic fitness.

All persons who matriculate with the intention of becoming candidates for the degree of Doctor of Medicine must meet the following requirements:

I. *Applicants for admission to the first course* must bring certificates of good moral character. They must either present some certificate giving evidence of good English education or pass the entrance examinations. Graduates of a literary or scientific college, high school, or academy, and those holding a first grade County or State teacher's certificate will be exempt from examination and be issued an entrance certificate by the committee on entrance examinations. Entrance examinations for all other applicants are conducted to determine the fitness of the applicant to study medicine—a good English education being required. The examination consists of a thesis on some geographical or historical subject; an exercise in reading a selection from standard English literature; an examination on arithmetic and elementary physics, including the English and Metric weights and measures, as required by the standards of the State Examining Board. All applicants for admission, and any who were previously conditioned, are expected to appear before the committee in the chemical laboratory at 8:00 p. m. on the first Saturday night following matriculation. This committee is composed of Drs. W. R. Howard, Secretary; I. C. Chase, and G. V. Morton. Any one failing will be conditioned, but on matriculation in the Medical Department, may again take the examinations the year following, or will be given the opportunity of bringing up such deficiency in the Preparatory Department of the University without

extra expense. All such deficiencies must be removed before coming up to the final medical examinations of the second year. All students who pass a satisfactory examination will receive a certificate from the committee setting forth the fact, but no ticket or grades for an official course will be issued until a satisfactory entrance examination shall have been passed.

II. *Applicants for advanced standing* will be required (1) to satisfy the educational entrance requirements, (2) to present satisfactory evidence of having successfully completed, in a school of recognized standing, courses reasonably equivalent to those already attended by the class to which they seek admission, or (3) be examined in all subjects in which the class shall have been already examined.

Candidates who shall have failed on one or more branches in the medical course of the first three years are given the privilege of re-examination at the opening of school in the fall. Applicants must arrange for such examinations with the respective instructors *during the first week* after school opens. Grades made on such special examinations will not be considered toward prizes. The result of any other special examinations will not be entered on the records of the school, nor be considered, unless such examinations be given by the special permission of the Faculty.

### Requirements for Graduation.

Every candidate for the degree of M.D. will be required:

- (1) To present satisfactory evidence of good moral character and exceptional conduct.
- (2) To have attained the age of twenty-one years.
- (3) To have paid all dues in full.
- (4) To have successfully completed four full courses of lectures of not less than six months each, in four separate years, the last in this institution.

The Faculty wishes it distinctly understood that while any student who has complied with the technical requirements may appear before it for examination, it reserves to itself and will exercise the right of making moral as well as intellectual qualifications an element in its decision.

**The Fly Gold Medal.**

Dr. David R. Fly, of Amarillo, Texas, one time Professor of Anatomy in this school, offers a gold medal to the first-year student passing the best final examination in osteology. Awarded in 1905 to Mr. Robert B. Wolford, Tulia, Texas.

**The Dr. W. P. Burts Scholarship.**

The Faculty, in commemoration of the late W. P. Burts, formerly Professor of Obstetrics in this institution, offers to the regular first-year student passing the best final examinations in all branches of the first year, *a free, non-transferable scholarship* for the session following, the same to consist of tuition, exclusive of laboratory fees, and to be known as the W. P. Burts Scholarship. Awarded in 1905 to Mr. Ross B. Trigg, Fort Worth, Texas.

**The Second Year Proficiency Medal.**

The Faculty offers to the regular second-year student passing the best final examinations in all branches of the second year, medical books to the value of \$25.00. Awarded in 1905 to Chas. L. Kopecky, Shiner, Texas.

**Third Year General Proficiency Prize.**

The Faculty offers to the regular third-year student passing the best final examinations in all branches of the third year, a selection of medical books to the value of \$50.00. Awarded in 1905 to Mr. Robert W. Moore, Galveston, Texas.

**The Burch Gold Medal.**

Dr. J. D. Burch, a distinguished physician of Aurora, Texas, and a valued member of the Board of Advisors, presents to the member of the graduating class making the highest percentage during the full four-grade course, a gold medal, to be known as the Burch Gold Medal. Awarded in 1905 to Harvey O. Brannon, M.D., Fort Worth, Texas.

**The Ward Histology Medal.**

For the best grade made in the final examination on first-year Histology, Mr. L. Ward, of Edna, Texas, with commendable generosity, offers a gold medal. Awarded in 1905 to Mr. Eugene W. Legg, West, Texas.

### Special Prizes.

Prof. Wm. R. Howard gives following prizes: Bacteriology—Mr. Ross B. Trigg, Fort Worth, Texas. General Pathology—Mr. Robert W. Moore, Galveston, Texas. Special Pathology—Andrew R. Bond, M.D., Fort Worth, Texas.

Prof. E. L. Stephens gives following prizes: Materia Medica—Mr. William P. Dingle, Cisco, Texas. Therapeutics—Mr. Robert J. Rowe, Corsicana, Texas.

### Meeting of the Alumni Association.

The annual meeting of the Alumni Association will be held during Commencement week, at the call of the president.

It is earnestly requested, that so far as possible, all the alumni attend the meeting, to revive old friendship, to encourage by their presence the graduating class and to manifest their esteem, appreciation, and loyalty to the alma mater.

### Tuition.

All tuition and fees must be paid in advance. All students will pay the same and share the same privileges. The expenses of the four-year course are as follows:

Tuition, annually, including Matriculation Fee, Dissecting Ticket, Chemical and Pathological Laboratories. . . . .	\$75.00
Graduation Fee. . . . .	25.00

### Miscellaneous Information.

Students who may be contemplating doing light housekeeping should communicate with the Dean prior to leaving for Fort Worth, in order that he may be in position to render such assistance as may be possible in the premises. Fort Worth is a reasonably cheap city in which to live. A large list of good boarding-houses is kept on file at the college office. Good board, convenient to the college, can be had from \$10.00 to \$16.00 per month. A student should be able to finish a course of lectures for \$175.00. The amount saved in railroad fares alone, over schools in distant cities of North and East, is of consider-

able moment and can be applied with great advantage in increasing one's library or providing the nucleus of a surgical armentarium.

Students are requested to report at the Dean's office, College building, corner of Seventh and Rusk streets, as soon as they arrive in the city, for the purpose of registering, matriculating, and obtaining all necessary information.

Text-books may be obtained from the Dean's clerk, Robert W. Moore, in College building.

For further information address

FRANK GRAY, M.D., DEAN,  
Med. Dept., Fort Worth University,  
Fort Worth, Texas.



## LAW SCHOOL.

### Faculty.

The College of Law, an adjunct to the University, will begin its twelfth annual session October 10, 1905. The indications are that the attendance on this school will be largely increased during the ensuing year, and additional facilities have been provided for the accommodation and instruction of students.

It is believed that this School of Law, by reason of its favorable location and practical methods, offers to a large class of students facilities in many respects most desirable. Its founders, in determining its scope and purpose, have had in view the growing demand for adequate training for professional careers, and the peculiar needs of a large and multiplying population, which, disseminated over so large an area as the State of Texas presents, will, in increasing degree, require local instructions to supply its educational necessities. These conditions, in union with a policy of liberal enterprise, it is believed, will insure the success of the school and enable it to extend its benefits to many who could not heretofore secure the advantages it offers.

In order that the school may prove accessible and useful to the largest possible class of students, the recitations and lectures are arranged to take place at night. By this means many deserving young men, whose circumstances would not otherwise permit their attendance, will be enabled to pursue their studies, while devoting a portion of the day to some remunerative employment. The importance of Fort Worth as a commercial center will suggest to such many opportunities for engaging in various profitable pursuits.

The hearty co-operation of a large number of representative men, among the most eminent of the members of the bar of this State, who in the capacity of lecturers will contribute to the successful training of students, will render the instruction in all branches of the law effective and sufficient.

The many courts located at Fort Worth afford exceptionally fine opportunities for observation of the practical application of legal principles. The courts mentioned include, in addition to the two justice courts and the county court, the Seventeenth Judicial District Court, the Forty-eighth Judicial District Court, the Court of Civil Appeals of the Second Supreme Judicial District, and the Federal District Court; and Congress at a late session passed a bill establishing a term of the Federal Circuit Court to be held in Fort Worth. Probably the volume of legal business in Fort Worth is greater than that of any other city in Texas. Library facilities are by no means lacking, the student being permitted, under reasonable regulations, to reap the benefits of one of the most extensive and complete law libraries in the State. This library is an adjunct to the Court of Civil Appeals, and is accessible to students under a special arrangement effected with the President of the Board, by which it is controlled.

Special attention is devoted to the requirements for admission to the bar of this State. The peculiar system of pleading and practice obtaining in the courts of Texas, and the unique character of our laws as applied to several important branches of jurisprudence, make the school of especial value to those intending to practice the profession of law in Texas.

The course of study extends through a period of two years, at the successful completion of which students will be entitled to the degree of Bachelor of Laws.

The Junior Course embraces the study of Blackstone's Commentaries (2 vols.), Contracts (Anson), Personal Property (Schouler, 2 vols.), Torts (Cooley), Evidence (Greenleaf, 1st vol.), Pleading (Gould and Sayles), Criminal Law (Bishop, 2 vols.). Students are required to read, in connection with these studies, Kent's Commentaries, and are examined in the same from time to time.

The Senior Course embraces Equity Jurisprudence (Bispham), Real Property (Tiedman), Promissory Notes (Storey), Agency (Mechem), Corporations, Constitutional Limitations (Cooley), Professional Ethics, together with a general outline of the statute law of the State of Texas.

In addition to the regular course of instruction and lectures, a spe-

cial course has been provided in which a number of the leading lawyers of this and neighboring cities will lecture upon popular topics of the law at intervals during the college term.

### Tuition.

The tuition for the term of eight months is \$37.50. This sum permits law students, without further charge, to pursue a course of study in the Department of English, both academic and collegiate.

Examinations for admission to the School of Law will take place at the University on Tuesday, the 10th day of October, at 7:30 p. m. Recitations will begin on Wednesday, October 11th, and continue eight months.

An economical and pleasant arrangement is made to board any of the law students so desiring at the University boarding department.

For further information address

O. S. LATTIMORE, A.B., DEAN,  
*Law School, F. W. U.*  
Fort Worth, Texas.



**SCHOOL OF COMMERCE.****Faculty.**

**F. P. PREUITT,**

Superintendent of Course of Instruction.

**R. R. LENNON,**

Instructor in Bookkeeping, Expert Accounting, and Commercial Law.

**C. A. FLEMING,**

Instructor in Bookkeeping, Arithmetic, and Spelling.

**MRS. F. MICKIE,**

Superintendent of Course of Shorthand, Typewriting, and English.

**MRS. H. RATHER,**

Assistant Teacher in Shorthand, Typewriting, and English.

**EDITH V. SHELTON,**

Assistant Teacher in Shorthand.

**Business Course of Study.**

The course of study in the different departments is practical and complete. The business experience of the able corps of teachers, together with the best thought and experience of some of the best talent in the State, has been brought together with the best thought and expect to arrange a course of business that would insure for the student the most practical and complete course of instruction to be had.

The student here is taught business by actually doing business, not as it is done in other schools, but as it is done in retail and wholesale houses, banks, railroad and law offices.

Every transaction is real, the student buying and selling, depositing and drawing from the bank; buying money orders and shipping and receiving goods to be sold on commission, discounting his notes and drafts; in fact, he becomes a clerk and bookkeeper at once, and in this manner receives an experience equal to several years' work in a business house.

**Bookkeeping.**

This study receives the degree of attention its importance demands. A great variety of systems of accounting are taught, and the adaptability of each to some particular business carefully explained, the aim being to furnish a practical form for almost every kind of business.

### **Penmanship.**

The college has always had one or more of America's best penmen as instructors, and this accounts for the large number of fine penmen that leave this school. The purely muscular writing is taught, and our students not only soon learn to write accurately but rapidly, just what is demanded by business.

### **Arithmetic.**

This is most generally neglected in business schools, but it is a serious mistake, as a knowledge of bookkeeping without the ability to figure accurately and rapidly all kinds of business calculation is of little value.

An expert of twenty years' experience in rapid calculation instructs in this department, and no student ever graduates without the ability to handle figures correctly and rapidly.

### **Spelling.**

So much neglect is shown in this branch in public and private schools that we find it necessary to drill the students in all departments daily. No one is ever excused, and all are required to pass an examination in spelling before a certificate of graduation is issued.

### **Correspondence.**

To be able to write a letter of business or friendship in proper form is a valuable accomplishment and is indispensable in business. The latest form in business letter-writing is taught, and every student is expected to be proficient in this art.

### **Phonography and Typewriting Course.**

There has always been a demand for shorthand writers, but within the past few years it has increased wonderfully. This is largely due to the invention of the typewriting machine and the consequent demand for amanuensis work in professional and mercantile offices. We believe that every student in this department who has acquired proficiency in this art has succeeded in obtaining a position if he or she desired one. The ability to write the exact words of the most fluent speaker is an

accomplishment that will be a source of pleasure through life, even though the possessor does not use it as a means to obtain a livelihood. To any young man or woman proposing to keep books, or to do other office work, a knowledge of shorthand and typewriting will be of the greatest use, adding largely to his or her availability and chance of securing profitable employment, because at the present time so much office work is done by the writing machine.

We teach the Pitman-Graham system of shorthand. This system is standard, and capable of being written fast enough to take down the exact words of the most rapid speakers.

In learning to use the writing machine we furnish the Standard typewriters.

A first-class stenographer can always obtain a position in an office if he can help keep the books; and a knowledge of bookkeeping has often helped a young stenographer to a promotion.

In working out our idea of what a business college ought to be, many new methods have been introduced, which we will be glad to explain more fully to anyone wishing further information, but which can hardly be fully appreciated without personally visiting the college.

### RATES OF TUITION.

#### BUSINESS COURSE.

Scholarship good for tuition in bookkeeping, business arithmetic, correspondence, business forms, commercial law, penmanship, rapid calculation, spelling, business practice, political economy—scholarship good to complete the Business Course, without regard to the time it may take, day and evening. . . \$50.00  
Scholarship good for three months (twelve weeks) . . . . . 25.00  
Scholarship good for one month (four weeks) . . . . . 10.00

#### PENMANSHIP COURSE.

Full course, plain and ornamental, without regard to time. . . . . \$40.00  
Plain penmanship, per month, day session. . . . . . . . . . . 5.00  
Ornamental penmanship, per month, day and evening. . . . . 10.00

## SHORTHAND AND TYPEWRITING COURSE.

---

Scholarship, time unlimited, Pitman-Graham system . . . . .	\$50.00
Tuition, three months . . . . .	25.00
Tuition, one month . . . . .	10.00

## Board.

This is an important item and is carefully provided for. The students of the Business College, if desired, have all the advantages of the boarding department provided for the other schools of the University. The location of the dormitories and dining-hall is in the beautiful ten-acre Campus on the South Side in a choice residence portion of the city.

It is easily accessible by the "City Belt" cars and is in pleasant walking distance of the Business Department.

Here they are admitted to the fine libraries and reading-rooms, to public lectures and debates, and to many other privileges of entertainment and instruction. They are furnished with pleasant rooms and good board, sitting at tables with the President and preceptress and many other members of the Faculties of the University, from whom they receive intelligent, kindly care and supervision. Their stay among us will tend to the development of the character of the *real* lady and gentleman. Considerate parents can safely trust their children and young people to our guiding care.

For further information address,

F. P. PREUITT,  
*Business School, F. W. U.,*  
Fort Worth, Texas.



## SOCIETIES.

## Y. M. C. A.

W. F. Charbonneau..	President
J. S. Payton..	Vice-President
J. R. Balch..	Secretary
R. A. Highsmith..	Treasurer

## Y. W. C. A.

Mrs. C. D. Kennerly..	President
Hattie Ruth Collins..	Vice-President
Mabel Ogden..	Secretary
Georgia Ben Cox..	Treasurer

## ATHENIAN.

J. Ralph Graham..	President
Fred. MacArthur..	Vice-President
A. Homer Montgomery..	Secretary
Harry R. MacGregor..	Assistant Secretary
Jacob S. Payton..	Critic
Wm. A. Scarborough..	Treasurer
T. T. Garrard..	Attorney
Chas. D. Kennerly..	Attorney
Wm. F. Charbonneau..	Sergeant-at-Arms
Alex. Smith..	Chorister

## OROPHILIAN.

Margaret Brownell..	President
Georgia Ben Cox..	Vice-President
Gertrude Hall..	Secretary
Emma Gantt..	Treasurer
F. Elma Gillespie..	Critic
Niel Kennan..	Chorister

## PHILOMATHLEAN.

Bessie Carder	President
Mary G. Gillespie	Vice-President
Rosa Cate	Secretary
Clora Burkett	Treasurer
Ada MacAdam	Critic
Frankie Burke	Chaplain

## UNIT LITERARY SOCIETY.

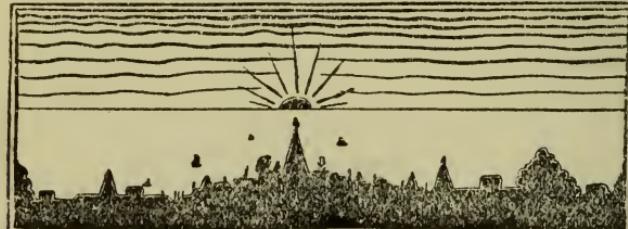
William S. Horn	President
Ashton C. Woodruff	Vice-President
J. Hugh Scarborough	Secretary and Treasurer
R. S. Huffman	Critic
A. G. M. Lassen	Chaplain
Wilson Kimble	Sergeant-at-Arms

## ORATORICAL ASSOCIATION.

Fred MacArthur	President
J. S. Payton	Vice-President
Harry R. MacGregor	Treasurer
William F. Charbonneau	Secretary

## ATHLETIC ASSOCIATION.

Harry G. Beck	President
A. Homer Montgomery	Secretary and Treasurer



## STUDENTS.

## SENIOR.

Cox, Mrs. J. Frank	Tex.	Jackson, J. M.	Tex.
Gillespie, Francis E.	Tex.	Lundberg, Frank A.	Tex.

## SOPHOMORE.

Beck, Harry G.	Kan.	Garrard, Tom T.	Tex.
Charbonneau, Wm. F.	Tex.	Smith, Clarence J.	Tex.

## FRESHMAN.

Collins, Hattie Ruth	I. T.	Fry, Ethel	Tex.
Conner, Nellie	Tex.	Martinson, Anna	Tex.
Corkill, T. Herold	Tex.	Mayhew, Toy	Tex.
Cox, Georgia B.	Tex.	Ogden, Mabel	Tex.
Evans, Anna C.	Tex.	Payton, Jacob S.	O. T.

## SPECIALS.

Brown, Wm. C.	Tex.	Kennan, Niel	Tex.
Carder, Bessie	Tex.	MacGregor, Harry R.	Mo.
Christian, J. A.	Ia.	Mills, Enoch J.	Colo.
Crowley, Lita	Tex.	Owen, Miss Jim	Tex.
Durrett, Elizabeth	Tex.	Robertson, Elizabeth	Tex.
Durrett, Lillian	Tex.	Roe, Jennie M.	Tex.
Fry, Clara	Tex.	Williams, Dixie	Tex.

## FOURTH ACADEMIC.

Bentley, Jerome	Tex.	MacArthur, Fred	O. T.
Brownell, Margaret C.	Tex.	Maxwell, Grace	Tex.
Farmer, Minnie	Tex.	Nies, Ernest	Tex.
Gantt, Chas.	Tex.	Scarborough, Wm.	Tex.
Gantt, Emma	Tex.	Smith, Mary Belle	Tex.
Graham, J. Ralph	Tex.	Woodard, Jno.	La.
Highsmith, Robt.	I. T.		

## THIRD ACADEMIC.

Balch, J. Robe	Tex.	Gillespie, Mary G.	Tex.
Boaz, Will	Tex.	Lawson, Geo.	Tex.
Borden, Le Roy	Tex.	McDonald, C. L.	Tex.
Brown, Ailsie	I. T.	McKenna, Orlena	Tex.
Chauchon, Theresa	Tex.	Millican, Anna	Tex.

Montgomery, A. Homer	O. T.	Thurman, Winnie	. . . . .	Tex.
Ringler, Carl	. . . . .	Trammell, Mabel C.	. . . . .	Tex.
Slawson, Ira	. . . . .	Wheat, Rosa Nellie	. . . . .	Tex.
Smith, Alex A.	. . . . .	Wheeler, A. Hope	. . . . .	Tex.
Thornberry, Harry	. . . . .			

## SECOND ACADEMIC.

Atkins, Clara	. . . . .	Tex.	Hall, Gertrude	. . . . .	Tex.
Blackwell, Otis	. . . . .	O. T.	Holtz, Broxie	. . . . .	Tex.
Bowlin, Alice	. . . . .	Tex.	Kenderdine, Loraine	. . . . .	Tex.
Bridges, Grace	. . . . .	Tex.	MacAdam, Ada	. . . . .	Tex.
Buchanan, Oliver	. . . . .	Tex.	Magoffin, Geo	. . . . .	Tex.
Burgess, Cora	. . . . .	Tex.	Montgomery, Mary	. . . . .	Tex.
Cate, Rosa	. . . . .	Tex.	Peabody, Ernest M.	. . . . .	Tex.
Crutchfield, Alex	. . . . .	Tex.	Peabody, Willie May	. . . . .	Tex.
Eady, Jennie	. . . . .	Tex.	Smith, Leota	. . . . .	Tex.
Elliot, Chas	. . . . .	Tex.	Talbot, Ernest	. . . . .	Colo.
Foreman, Pelham	. . . . .	Tex.	Warren, Mabel	. . . . .	Tex.
French, Mary	. . . . .	Tex.	Warren, Winnie	. . . . .	Tex.
Fuqua, Cora B.	. . . . .	Tex.	Wilson, Frank	. . . . .	Tex.

## FIRST ACADEMIC.

Bennett, Roy	. . . . .	Tex.	Huffman, Robt	. . . . .	Tex.
Booth, Leon	. . . . .	Tex.	Hulm, Avon	. . . . .	Tex.
Burgess, Conna	. . . . .	Tex.	Humphreys, David	. . . . .	Tex.
Burke, Frankie	. . . . .	Tex.	Isbell, Wm. R.	. . . . .	Tex.
Burke, Hugh	. . . . .	Tex.	Johnson, Harry	. . . . .	Tex.
Burkett, Clora	. . . . .	Tex.	Kennerly, Mrs. C. D.	. . . . .	Tex.
Burrus, Hugh	. . . . .	I. T.	Kimberlin, Jewell	. . . . .	O. T.
Callens, Norman	. . . . .	Tex.	Kimble, Wilson	. . . . .	Tex.
Carter, Jacob E.	. . . . .	Tex.	Lehane, Jack, Jr	. . . . .	Tex.
Carter, Pearl	. . . . .	Tex.	Lemacks, Geo	. . . . .	Tex.
Castles, R. V.	. . . . .	Tex.	Lips, Paul	. . . . .	Tex.
Couthon, Chas	. . . . .	Tex.	McAnulty, Eva	. . . . .	Tex.
Fisher, Nellie	. . . . .	Tex.	McLaughlin, Nellie	. . . . .	Tex.
Garner, Jolly	. . . . .	Tex.	McPherson, Lester	. . . . .	Tex.
Gillen, Sallie	. . . . .	Tex.	Miller, Wm	. . . . .	Tex.
Glover, Floy	. . . . .	Tex.	Moore, Harold	. . . . .	Tex.
Guertler, Emma	. . . . .	Tex.	Morris, Butler	. . . . .	Tex.
Hendricks, Lillian	. . . . .	Tex.	Peterson, Alma	. . . . .	Tex.
Hiett, Tom	. . . . .	Tex.	Puckett, Jas. R.	. . . . .	Tex.
Horn, Wm. S.	. . . . .	Tex.	Reed, Henry	. . . . .	Tex.
Hosey, Edith	. . . . .	Tex.	Reed, Theodore	. . . . .	Tex.

Robinson, Elizabeth	Tex.	White, Bessie	Tex.
Rogers, Goliebelle	Tex.	White, Lessie	Tex.
Scarborough, Hugh	Tex.	Wiedman, Gertrude	Tex.
Stanley, Wray	Tex.	Wiley, Chas. M.	Tex.
Tomlinson, Verne	Tex.	Woodruff, Ashton	Tex.
Touchstone, Ruth	Tex.	Wooten, Alfred	Tex.
Tucker, John P.	Tex.	Wooten, Walter	Tex.
Webb, Sanford	Tex.		

## SUB-ACADEMIC—7TH GRADE.

Allison, Jamie	Tex.	Henderson, Annie	Tex.
Armstrong, Charlie	Tex.	Hilgers, Eugene	Tex.
Anderson, Forest	Tex.	Kennerly, Chas. D.	Tex.
Bradshaw, Ora Lee	Tex.	Kilgore, Elbert	I. T.
Bridges, Clifford	I. T.	King, Everett	Tex.
Brown, Paul	Tex.	McHan, Lillian	Tex.
Cheatham, Claude	Mo.	Millarin, Norma	Tex.
Connell, Phœbe	Tex.	Pitman, Ethel	Tex.
Durway, Joe	Tex.	Reeves, William	Tex.
Ford, Adrian Scoble	Tex.	Richardson, Charlie	Tex.
Gillespie, Hannah	Tex.	Stanley, Wray	Tex.
Graham, Olin	Tex.	Ward, Joe	Tex.
Grimes, Hollis	Tex.	Williams, Alpha	Tex.
Hardin, Leonard	Tex.	Wilmurth, Willie	Tex.
Heintzelman, Willie	Tex.		

## FIFTH AND SIXTH GRADES.

Armstrong, Chas.	Tex.	Lassen, Adolph	Tex.
Arnold, Arthur	I. T.	Leach, Roy	Tex.
Arnold, Ray	I. T.	Mason, Ike	Tex.
Coope, June	Tex.	Mathews, Pierce	Tex.
Crandall, Harry	Tex.	Matlock, Ernest	Tex.
Eckert, Claude	Tex.	*Mitchell, Marion	Tex.
Fields, Joe	Tex.	Mulford, Ben	Tex.
Gillespie, Oscar	Tex.	Norwood, Royal	Tex.
Goodale, Juttie	Tex.	Peabody, Albert	Tex.
Graves, Holland	Tex.	Purvis, Frank	Tex.
Graves, Ruby	Tex.	Schuster, Douglas	Tex.
Hamilton, Chas.	Tex.	Slosson, Floyd	Tex.
Homan, Wm.	Tex.	Townsend, Geo.	Tex.
Honea, Otis	Tex.	Walker, Howard	Tex.
Huston, Etta	Tex.	Warren, Lois	Tex.
King, Clara	Tex.	Weddington, Austin	Tex.

\*Deceased.

## PIANO.

Brown, Ailsie	I. T.	Honea, Olga	Tex.
Caldwell, Mrs. J. W.	Tex.	Kennerly, Mrs. Chas. D.	Tex.
Carder, Bessie	Tex.	Lovelady, Maud	Tex.
Charbonneau, Wm. F.	Tex.	MacAdam, Ada	Tex.
Cobb, Marjorie	Tex.	McHan, Lillian	Tex.
Eady, Jennie	Tex.	Pitman, Ethel	Tex.
Fisher, Nellie	Tex.	Smith, Alex A.	Tex.
Galloway, Martha	Tenn.	Touchstone, Ruth	Tex.
Gillen, Sallie	Tex.	Wheeler, A. Hope	Tex.
Glover, Floy	Tex.	White, Lessie	Tex.
Hall, Gertrude	Tex.	Williams, Alpha	Tex.

## MUSICAL KINDERGARTEN.

## TEACHERS' COURSE.

Horn, Christine			Tex.
-----------------	--	--	------

## PUPILS' COURSE.

Allison, Jas.	Tex.	Hamilton, Chas.	Tex.
Beck, Harry G.	Kan.	Hawley, Judith	Tex.
Charbonneau, Wm. F.	Tex.	Honea, Olga	Tex.
Cobb, Marjorie	Tex.	Kennerly, Mrs. Chas. D.	Tex.
Galloway, Martha	Tenn.	Wayrick, —	Tex.

## HARMONY.

Galloway, Martha	Tenn.	Smith, Alex	Tex.
------------------	-------	-------------	------

## VOCAL DEPARTMENT.

Beardsley, W. E.	Ill.	Kennan, Niel	Tex.
Beck, H. G.	Kan.	Lundberg, F. A.	Tex.
Bowlin, Willie	Tex.	Mayhew, Mrs. Arthur	Tex.
Brownell, Margaret	Tex.	Millarin, Norma	Tex.
Carder, Bessie	Tex.	Moore, Mary	Tex.
Cox, Mrs. J. F.	Tex.	Morris, Maude	Tex.
Frary, G. G.	Ia.	Payton, J. S.	O. T.
Fry, Ethel	Tex.	Phillips, H. P.	Tex.
Garrard, T. T.	Tex.	Preuitt, Frances	Tex.
Hall, Gertrude	Tex.	Sparrow, Gladys	Tex.
Johnson, A. F.	Tex.	Spoonts, Nadine	Tex.

## ORATORY.

Adams, Geo.	Tex.	Assiter, Georgina	Tex.
Armstrong, Sallie	Tex.	Baird, Lottie	Tex.
Askew, Mrs. H. C.	Tex.	Balch, J. Robt	Tex.

Beck, Fay	Tex.	Fry, Clara	Tex.
Beck, George	Tex.	Garrett, Effie	Tex.
Becker, Carrie	Tex.	Gause, Louise	Tex.
Bell, Mary	Tex.	George, Jennie	Tex.
Bentley, J. O.	Tex.	Gilbert, Bessie	Tex.
Black, Mollie	Tex.	Gillham, Carl	Tex.
Black, Walter	Tex.	Glen, Martha	Tex.
Borochoff, John	Tex.	Gorman, Caroline	Tex.
Borochoff, Pearl	Tex.	Greenwall, Mary	Tex.
Boyer, Mrs. T. P.	Tex.	Hall, Gertrude	Tex.
Bradsky, A. C.	Tex.	Harbuzeettle, C.	Tex.
Breeding, Lulu	Tex.	Harrell, Beulah	Tex.
Briscoe, Helen	Tex.	Henry, Nellie	Tex.
Brooks, Norma	Tex.	Hensley, Ed	Tex.
Burgess, Mannie	Tex.	Hensley, Marguerite	Tex.
Campbell, Isabel	Tex.	Hewett, Helen	Tex.
Challar, H. G.	Tex.	Hindsman, Lelia	Tex.
Chase, Edna	Tex.	Holder, Rosamond	Tex.
Collins, Emma	O. T.	Holland, Pearl	Tex.
Compton, Cecile	Tex.	Holly, Fama	Tex.
Conner, Willie Mae	Tex.	Holly, Fred	Tex.
Conner, Winnie	Tex.	Hudson, Mrs. L.	Tex.
Conrad, Mary	Tex.	Hunt, Katheryn	Tex.
Cooper, Mrs. D. L.	Tex.	Johnson, Carrie	Tex.
Courtant, Maude	Tex.	Johnson, Nellie	Tex.
Crossette, Geo	Ill.	Johnston, Cebee	Tex.
Crossland, Maggie	Tex.	Keller, Bertha	Tex.
Crossland, Marie	Tex.	Kennan, Niel	Tex.
Cunningham, Ruby	Tex.	Key, Emily	Tex.
Donnell, A. C.	Tex.	King, E. C.	Tex.
Drysdale, Hannah	Tex.	King, L. A.	Tex.
Durrett, Bessie	Tex.	Knight, Ethel	Tex.
Durrett, Lily	Tex.	Lacey, Frances	Tex.
Duval, Evelyn	I. T.	Lane, E. P.	Tex.
Ellis, Mary G.	Tex.	Lehane, John	Tex.
Elmore, Bessie	Tex.	Lehane, Josephine	Tex.
Emery, Hortense	Tex.	Lehane, Katie	Tex.
Fisher, Lois	Tex.	Lennon, Earle	Tex.
Floyd, Parmalee	Tex.	Lennon, Selma	Tex.
Follette, Ala	Mich.	Logan, Lucile	Tex.
Ford, Adrian	Tex.	Luther, Minnie	Tex.
Fowler, Gertrude	Tex.	Luther, Weldon	Tex.
Friedman, Tony	Tex.	Lynne, Frost	Tex.

Lynne, Mrs.	Tex.	Procter, Julia	Tex.
MacGregor, H. R.	Tex.	Richardson, J. H.	Tex.
Mansfield, Robert	Tex.	Richardson, Steeling	Tex.
Marlow, Ethel	Tex.	Rosson, Fay	Tex.
McClure, Annie	Tex.	Scott, Lizzie	Tex.
McFadden, Florence	Tex.	Scott, Ruth	Tex.
McKinley, Flora	Tex.	Sloan, Arthur	Tex.
McKinley, Mrs.	Tex.	Smith, Clarence J.	Tex.
McKinney, H.	Tex.	Spencer, Lucile	Tex.
Meador, Carrie	Tex.	Stephenson, Effie	Tex.
Miller, Addis	Colo.	Stuart, Maude	Tex.
Modlin, Mrs. D. O.	Tex.	Thompson, Harry	Tex.
Moody, Mrs. B. H.	Tex.	Turner, James	Tex.
Moore, Mrs. A. B.	Tex.	Underwood, Hebe	Tex.
Morgan, Beulah	Tex.	Walker, Gertrude	Tex.
Morrison, Kate	Tex.	Walter, Arthur	Tex.
Owen, Miss Jim	Tex.	Walter, Lelia	Tex.
Parker, Alma	Tex.	Warren, Mrs. H. G.	Tex.
Parmer, Anita	Tenn.	Watrous, Helen	Tex.
Payne, Vivian	Tex.	Wilcox, Cora	Tex.
Payton, J. S.	O. T.	Wilson, Charles	Tex.
Peden, Guy	Tex.	Winters, Jet	Tex.
Polk, George	Tex.	Woodson, Arthur	Tex.
Potishman, Eva	Tex.	Woodward, Mrs. A.	Tex.
Price, Lena	Tex.		

## ART.

Arenson, Edwin	Tex.	Masterson, Anna B.	Tex.
Burford, Minnie	Tex.	Mills, E. J.	Colo.
Crowley, Lita	Tex.	Montgomery, A. H.	O. T.
Day, Hallie C.	Tex.	Owsley, Annie	Tex.
Deschiel, Lucille	Tex.	Pearce, Virginia	Tex.
Fender, Josephine	Tex.	Peacock, Ella	Tex.
Fisher, Nellie	Tex.	Porter, Mrs.	Tex.
Gaines, Della	Tex.	Strong, Grace	Tex.
Hager, Jessie	Tex.	Telfair, Delia	Tex.
Hovencamph, Elizabeth	Tex.	Wellington, Mildred	Tex.
Hollis, Grace	Tex.	White, Bessie	Tex.
Kenderdine, Loraine	Tex.	Wiedman, Gertrude	Tex.
Labatte, Camilla	Tex.	Wilson, Mazie	Tex.
Lewis, Mrs.	Ia.	Winters, Oliver	Tex.

## PHYSICAL CULTURE.

Bridges, Grace M.	Tex.	MacAdam, Ada	Tex.
Collins, Hattie Ruth	I. T.	Mayhew, Toy	Tex.
Connell, Phœbe	Tex.	McLaughlin, Nellie	Tex.
Conner, Willie Mae	Tex.	*Mitchell, Marion	Tex.
Durrett, Elizabeth	Tex.	Robinson, Gertrude	Tex.
Durrett, Lillian	Tex.	Rogers, Goliebelle	Tex.
Evans, Anna	Tex.	Ross, Louise	Tex.
Evans, Hattie	Tex.	Ross, Mabel	Tex.
Fisher, Nellie	Tex.	Slawson, Winnie	Tex.
French, Mary	Tex.	Smith, Mary Belle	Tex.
Fry, Clara	Tex.	Warren, Jean	Tex.
Fry, Ethel	Tex.	Warren, Lois	Tex.
Fuqua, Cora Belle	Mo.	Warren, Mabel	Tex.
Gillen, Sallie	Tex.	Wheat, Nellie	Tex.
Hall, Gertrude	Tex.	Wiedman, Gertrude	Tex.
Kennan, Niel	Tex.	Williams, Dixie	Tex.

## STUDENTS' MEDICAL DEPARTMENT OF THE FORT WORTH UNIVERSITY, 1904-1905.

Alexander, K.	Tex.	Brewer, J. C.	Tex.
Alexander, R. L.	Tex.	Brown, W. C.	Tex.
Allen, J. A.	I. T.	Bundy, D. T.	Tex.
Anderson, J. B.	O. T.	Calloway, John	I. T.
Appling, J. S. A.	I. T.	Cantrell, J. H.	O. T.
Axtell, E. C.	Tex.	Carter, J. T.	Tex.
Balke, J. W.	Tex.	Carter, R. S.	Tex.
Ball, O. T.	Tex.	Chambliss, T. L.	I. T.
Ballard, A. E.	I. T.	Coffman, A. E.	Tex.
Ballard, C. B.	I. T.	Colley, T. C.	Tex.
Barbour, C. E.	Kan.	Collins, J. L.	I. T.
Barnett, J. J.	O. T.	Colwick, O. J.	Tex.
Baze, W. J.	Tex.	Covington, W. G.	Tex.
Beaumont, E. C.	Tex.	Currie, A. B.	Tex.
Bell, J. A.	I. T.	Cuttler, I. W.	Tex.
Benson, J. J.	I. T.	Darby, T. O.	La.
Benson, N. O.	I. T.	Davis, J. S.	I. T.
Bentley, J. A.	I. T.	Davis, S. C.	I. T.
Bercher, R. W.	O. T.	Dingle, W. P.	Tex.
Blume, Earnest	La.	Dixon, R. G.	O. T.
Bond, A. R.	Tex.	Donnell, C. E.	Tex.
Booth, O. E.	O. T.	Duncan, A. C.	O. T.
Brannon, H. O.	Tex.	Dunn, W. H.	Tex.

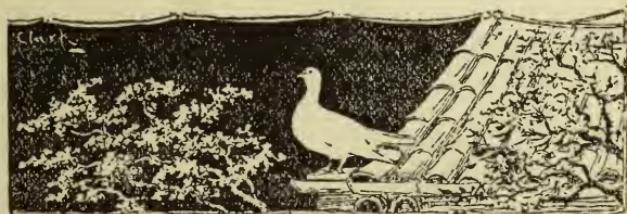
\*Deceased.

Dunsworth, O. C.	I. T.	Mahon, M. R.	Tex.
Duringer, W. C.	Tex.	Maner, Byron F.	Tex.
Dye, E. L.	Tex.	Martin, J. A.	Tex.
Eargle, H. C.	Tex.	Mathews, W. F.	I. T.
Ensor, C. T.	O. T.	May, J. W.	I. T.
Evans, A. J.	Tex.	McCalib, D. C.	Tex.
Ezzell, B. R.	Tex.	McCauley, E. R.	Tex.
Feild, J. E.	O. T.	McClendon, G. F.	Tex.
Feris, C. F.	Tex.	McCloud, B. L.	Tex.
Flaniken, Barton	Tex.	McCloud, T. C.	Tex.
Freeman, Irving	Tex.	McDaniel, H. M.	Tex.
Freeman, Wiley H.	Tex.	McFadin, J. S.	I. T.
Friedsam, S. A.	N. Mex.	McGee, H. C.	Tex.
Fuller, T. E.	Tex.	Meers, J. T.	Tex.
Fuller, Thomas	Miss.	Meharg, J. O.	Tex.
Gardner, R. A.	I. T.	Meredith, Duane	Tex.
Gee, L. E.	I. T.	Merrill, C. W.	Tex.
Germany, H. J.	Tex.	Miller, D. Y.	Tex.
Givens, J. M.	Tex.	Milton, Solon	Ark.
Greer, G. W.	Tex.	Moore, R. W.	Tex.
Griffin, Ira A.	Tex.	Morrow, J. R.	Tex.
Gross, R. F.	Tex.	Morton, F. H.	O. T.
Hamilton, R. L.	Tex.	Murphy, W. P.	Tex.
Hendricks, E. A.	Tex.	Nelson, D. W.	Tex.
Hendricks, J. M.	Tex.	Newburn, C. L.	Tex.
Hilburn, R. E.	Tex.	Nickson, J. W.	I. T.
Hill, J. S.	Tex.	Ory, C. W.	Ind.
Holland, J. L.	Tex.	Parr, A. B.	Tex.
Holland, J. T.	Tex.	Payne, J. H.	Tex.
Howard, E. L.	Tex.	Perry, M. O.	Tex.
Howard, W. E.	I. T.	Pike, A. N.	Tex.
Hughes, Roy E.	Tex.	Pike, R. L.	Tex.
Johnson, F. M.	Tex.	Pirtle, P. H.	I. T.
Jones, W. A.	I. T.	Plemmons, J. T.	Tex.
Keating, W. W.	Tex.	Poth, N. A.	Tex.
Kenyon, A. D.	O. T.	Powell, J. P.	Tex.
Kiblinger, Mrs. Ada	La.	Ridgway, E. N.	Tex.
Kolb, I. N.	O. T.	Ritchie, J. M.	Tex.
Kopecky, C. L.	Tex.	Robertson, R. D.	Ark.
Krueger, Adolph	Tex.	Rochelle, R. E. L.	I. T.
Lawlis, W. C.	I. T.	Rogers, W. J.	I. T.
Legg, E. M.	Tex.	Rollins, J. W.	I. T.

Rowe, R. J.	Tex.	Terry, S. D.	Tex.
Rush, H. P.	Tex.	Tidmore, John	I. T.
Ryan, J. L.	O. T.	Tippitt, C. T.	Tex.
Saunders, C. C.	Tex.	Trigg, R. B.	Tex.
Saunders, R. F.	Tex.	Triplett, A. W.	Tex.
Seitz, C. M.	Tex.	Tucker, Thomas N.	Tex.
Sharp, J. G.	I. T.	Vensen, J. J.	I. T.
Shepard, O. H.	Tex.	Wallace, J. C.	I. T.
Smith, A. E.	O. T.	Ward, B. E.	I. T.
Smith, Arthur A.	Tex.	Wharton, J. W.	Tex.
Smith, D. D.	Tex.	Wier, A. K.	Tex.
Smith, G. V.	Tex.	Wilkins, J. S.	I. T.
Smith, J. Y.	Ark.	Willett, H. L.	I. T.
Smith, L. V.	Tex.	Windham, J. H.	Tex.
Smith, W. J.	I. T.	Winborn, L. H.	I. T.
Speer, D. M.	Tex.	Wolford, R. B.	Tex.
Standridge, C. C.	I. T.	Woody, W. A.	Tex.
Still, C. T.	Ark.	Word, B. B.	La.
Stone, Frank	Tex.	Yeats, H. W.	I. T.
Stout, C. E.	O. T.	Young, J. W.	N. Y.
Sullivan, A. H.	I. T.	Young, L. R.	La.
Tadlock, M. E.	Tex.	Young, T. B.	Ark.
Taylor, H. A.	Tex.	Zinn, S. L.	O. T.

## LAW SCHOOL.

MacGregor, Harry R. . . . .



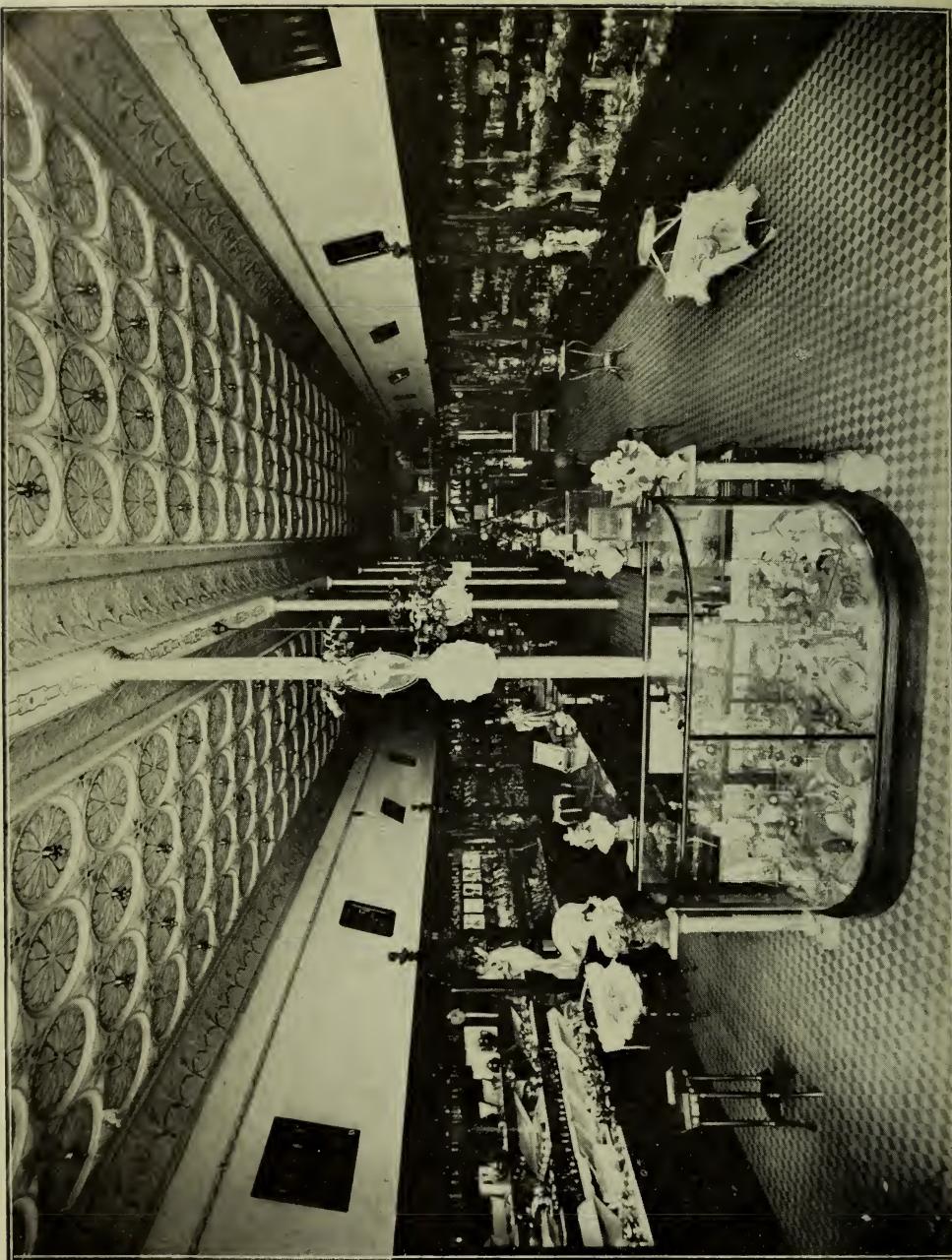
---

## SUMMARY.

---

Senior . . . . .	4
Junior . . . . .	0
Sophomore . . . . .	4
Freshman . . . . .	10
Specials . . . . .	14
Fourth Academic . . . . .	13
Third Academic . . . . .	19
Second Academic . . . . .	26
First Academic . . . . .	57
Sub-Academic . . . . .	29
Fifth and Sixth Grades . . . . .	32
Music . . . . .	57
Oratory . . . . .	142
Art . . . . .	28
Physical Culture . . . . .	32
Medical . . . . .	176
Law . . . . .	1
 Total Enrollment . . . . .	644
Names Repeated . . . . .	80
 Net Enrollment . . . . .	564
Business Department . . . . .	432
 Total in All Schools . . . . .	996





INTERIOR VIEW OF J. E. MITCHELL CO.'S JEWELRY STORE, FORT WORTH, TEXAS

# J. E. MITCHELL CO.

506 and 508 Main Street,



Fort Worth, Texas

---

**The Largest  
Diamond and Watch  
House in Texas.**

Our variety of Cut Glass Hand-painted China, Silverware, Statuary, Bronzes, Bric-a-brac, Fancy Mantel and Hall Clocks, etc., stands without an equal.

**Manufacturing and  
Repairing  
Department.**

We employ the most modern methods in this department, and are prepared to manufacture and repair anything, from the simple collar button to the most elaborate piece of jewelry.

**Engraving and  
Printing  
Department.**

We have made a long and thorough study of Engraving Wedding Invitations, Announcement, Reception and Visiting Cards, and our work in this line is the standard of excellence.

Write us for samples and prices.

**Mail Order  
Department.**

We have enlarged our facilities for dispatching our Mail Orders, and urge you to send us your orders by mail if you can't visit our store. When needing a wedding, birthday, or any kind of present, mail us your order, naming the article and price, and we will exercise the greatest care in selecting something for you.

# Any Student Or Teacher

from the University calling at our store with view of purchasing anything from any of our twenty departments, who will bring this catalogue with them and show it to the clerk shall be given a discount of ten per cent from the face of their bill.

## THE DAYLIGHT STORE

G. Y. SMITH.

---

Telephone 84.

## Reliable Steam Laundry,

West Weatherford Street,  
FORT WORTH, - - - TEXAS.

---

Our Water Facilities are the Finest in the State.

We Guarantee Clean, White, Stiff Work.

FRANK H. SPARROW  
PROPRIETOR.

# FRANK LEFFLER

---

## Photographer

All Work First-Class

Special Rates to Students  
of the University

---

600 Houston Street,  
Corner Fifth Street,

Fort Worth, Texas

---

THE GREATEST CLOTHING STORE IN TEXAS

---

We Clothe the Man and  
Boy from Hat to Shoes

Prices Always the Lowest, QUALITY CONSIDERED

**WASHER**  
BROTHERS.

Century Building, Eighth and Main,  
FORT WORTH, TEXAS

# J. B. BURNSIDE,

DEALER IN

Hardware, Stoves and Hollow Ware, Cutlery, Tin Ware, Nails.  
Iron, Steel, Wagon Wood Work, Farming Tools, Etc.

513-515 Houston Street,

FORT WORTH, = = = TEXAS.

---

THE MOST OF THE BEST FOR LEAST MONEY

Send for Catalogue.

Cut Flowers a Specialty.

Drumm Seed and Floral Co.

'Phone 101.

---

OFFICE HOURS—9:00 to 12:00.  
2:30 to 5:30.  
SUNDAYS, 9:00 to 11:00 A. M.

OFFICE 'Phone 143.  
RES. 'PHONE 189.

DR. FRANK D. BOYD,

ASSISTED BY

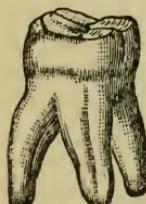
DR. ROY W. DUNLAP,

EYE, EAR, NOSE AND THROAT.

HOXIE BUILDING,  
Rooms Nos. 302, 308, 304, 305,

FORT WORTH, TEXAS.

---



DRS. LAWRENCE & WILLIAMS,

Dentists,

Scientific and Careful Operators.

Office, 502 Main Street, near Fourth,

FORT WORTH, \* \* \* \* TEXAS.

# BROWN & VERA

HEADQUARTERS FOR



Pyrography Outfits,  
Artist's Materials,  
Pictures,  
Picture Frames,  
Wall Paper and Paint.

---

**“DOWN TO OUR STORE”**

IS THE PLACE TO BUY YOUR

# GROCERIES.

IF YOUR

# COFFEE

Don't suit you come and see me.

**H. E. SAWYER,**

201 South Main Street.

Both 'Phones 8.

To see a full line of

**Diamonds, Watches, Jewelry, Etc.,**  
call on

**J. H. GREER, JEWELER,**  
Repairing a Specialty.

**515 Main Street, Cor. Fifth,**

**'Phone 2269-1R.**

**FORT WORTH, TEXAS.**

---

**DR. N. WALLERICH,**  
**DENTIST,**

Office, Rooms 1 and 2 Scott-Harrold Building, over "The Fair."

'Phone Connection.

**FORT WORTH,**

**TEXAS**

---

**H. T. Pangburn & Co.,**  
**Druggists.**

**Prompt Free Delivery to all Parts of the City.**

'Phone 81 (Both 'Phones).

Ninth and Houston Streets.

Opposite Library.

---

**H. PETERSON,**  
**Merchant Tailor,**

**611 Main Street,**

**¶**

**¶**

**Fort Worth, Texas.**

# COLLINS ART CO.

411 Houston St.

**Pyrography Goods,  
Artist Materials,  
Picture Frames,**

At prices that will please you.

---

FINEST STOCK OF

**Groceries, Candies and Fruits**

of all kinds

To be found on the south side

—AT—

**W. S. Smith, the Grocer,**

CORNER WHEELER AND BROADWAY.

---

**FORT WORTH**

**OMNIBUS AND TRANSFER LINE.  
and BAGGAGE EXPRESS.**

**DANIEL MURPHY, Proprietor and Manager,**

**S. E. Cor. Rusk and 6th Sts.**

**Telephone 130.**

Carriages, Omnibuses and Baggage Wagons call at all trains or hotels,  
or any part of the city, promptly, day or night, for passengers and baggage.

**Students of Fort Worth University will be transferred to and from depot for 25c each,  
and their baggage also for 25c each piece.**

When you come to Fort Worth, give your checks to our checkman, and your baggage will  
be promptly delivered at the College.

# JOHN WHITE

214 E. Weatherford Street,

## Fresh Meats, New Lard, Butter and Eggs.

This market is noted for its excellent quality of meats and moderate prices.

Mr. White is one of our solid business men.

Free Delivery.

Telephone 669.

---

# Matney, the Tailor,

FORT WORTH, TEXAS.

---

J. K. MILLICAN

ESTABLISHED 1898

F. G. TANCO

## Keystone Printing Company

PRINTING, STATIONERY, BLANK BOOKS

WE MAKE A SPECIALTY OF  
Catalogue and Book Work  
Loose Leaf Devices and  
Card Filing Systems....

Legal Blanks  
Typewriter Supplies

Whiting's  
Fine Stationery

208-210 Houston Street,

-

FORT WORTH, TEXAS

---





3 0112 105799537